



BCRC Flyer

Monthly Newsletter of AMA Chartered Club No. 4779

December 1, 2025



Newsletter Contents

New Website	1
Meeting Minutes	2
Show & Tell	3-4
Raffle Winners	4-5
Repairing Mavic 3 Drone	6-7
Miami County Swap meet	8

December 17, 1903: The Wright brothers made the first successful self-propelled heavier-than-air flight.

Visit the New Website

Go to <https://www.bcrfliers.net/> to see our new website. It is still a Wix.com build but is constructed on a different domain. *(Getting our old .com domain back will be difficult and time consuming. When or if we do, we can switch back to it.)*



Bartholomew County Radio Control Fliers

Chartered Club No. 4779
of the Academy of Model Aeronautics

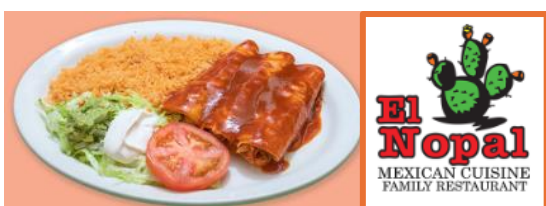


Flight Leaders

President – Rob Weismiller
Vice President – Philip Foiles
Secretary/Treasurer – Greg Emerick
Field Marshall – Bryan Swank, interim
Safety Coordinator – Mark Dudley
Intro Pilot Program – Bryan Swank
Webmaster – Cynthia Scott
News Editor – Cynthia Scott
 [cynsinterests@gmail.com]

Where We Meet

During the cold weather seasons, we meet at **El Nopal** restaurant on Hwy 31. We start at 6:30 p.m. on the first Tuesday each month. Come at six if you want to order food and enjoy dinner before the meeting.



We welcome model airplane fliers of all ages, from all walks of life. Our experienced fliers are ready to show you how to use the controllers safely.

Tell Cynthia what you would like to see on this site! If you have video links to share, we can post those for a month or two at a time. If you have photos of events you have attended, we can use those too. Right now, there are five tabs on the site: Home, Coming Events, Field Rules, Newsletters, and About.

Almost anything is good to post. For example, our Intro Pilot Program, the Young Eagles information, Indoor Flying (when we get that up and going again), or your favorite items from the newsletters. Probably the only restriction or courtesy is to get permission for posting a person's photo, especially our youth members.

We have signed up for the "Light" Wix plan (\$17/month) which gives the basics: 2 collaborators, 2 GB storage, Light marketing suite, and free domain for one year. Our domain will cost \$14.95/year after that.



November 4, 2025, Meeting Minutes

Notes from Greg Emerick and Cynthia Scott

At El Nopal Restaurant, we (21 attendees) began with the Pledge of Allegiance and a motion (by Mike Bealmear, 2nd from Bentley Weismiller) to accept last month's meeting minutes as printed in the newsletter. The motion passed.

Officer Reports

President – Rob Weismiller.

- Does the club want to do another January Pitch-In? Steve Shroerer offered to be the point person organizing it.

Vice President– Philip Foiles

- No update on the AMA Flying Site Improvement grant application.

Treasurer / Secretary –Greg Emerick: We have 59 total members, of which 15 are youth This is fantastic! Welcome newest members Carl Sexton, Cass Butler, his son Preston Butler, Ken Neumann, and his grandson Landon Neumann! Our Treasury is solvent.

Field Marshall - Bryan Swank, Interim:

- Progress on the New Flight Line benches: All the new benches have been funded by donors! Bryan may be seeking help with final assembly of the benches.
- We are seeking donors of stone for the roadway leading to the field.
- Mowing is done for the season.

Intro Pilot Coordinator – Bryan Swank: This has been a successful year! We have on-boarded several new members, adults and youth, through this program.

Webmaster – Cynthia Scott: The site is established with the domain name/URL: www.bcrcfliers.net and the browser host is Wix.com. Cynthia invites layout suggestions and needs items to be posted there.

Safety Coordinator – Mark Dudley: No safety issues to note.

Old Business

- Ken Erickson reports we are still seeking a venue for Indoor Flying.

Show and Tell and Raffle – See photos and notes following this page of the newsletter.

Show and Tell

1

Ken Erickson presented a **Gavin 6A** transmitter that works with a **Detrum RX** and bind plug. He donated one to the club raffle. It's a nice 6-channel Tx. Ken has several others for sale; please contact him if you would like to buy one.



Gavin-6A six-channel,
2.4 GHz RC transmitter.



Detrum RXC6 receiver;
image from the Web.

2

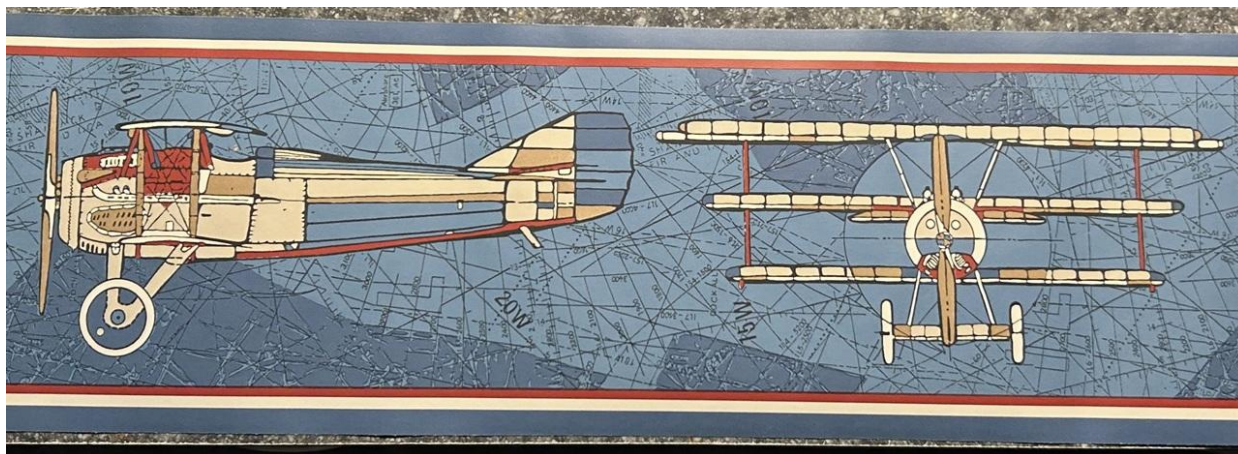


Rob Weismiller showed off a new plane he picked up at a swap meet: A **Zivoli 1/5 scale P-38!** He doesn't have time right away to finish the build, but we can look for it in the skies later.



3

Mike Bealmear brought a sample roll (one of four) of wallpaper trim he would like to sell. They have a repeating pattern of WWI triplanes on blue background. He is offering 4 rolls (6 inches by 5 yards wide, each) and one partial roll for \$30 (OBO).



4



Bryan Swank showed us the **drill jig** he made for lining up the holes on the safety benches. The holes are for the bails that help secure your airplanes.



Raffle Report

Youth member Luke Hausersperger won the Gavin-6A transmitter donated by Ken Erickson. He also won the crash bag and a glue bottle. Ken shows him the crash bag and explains its purpose.



New member Carl Sexton won the green Hot Wings flier and the Flying Pig.



Gary Waters selected the Any-Link Radio Adapter, and some glue.



Raffle Report *Continued*



Dave Caruthers adopted the “Fun Club” plane donated by Bob Cundiff. Dave also picked up some miscellaneous small parts including propellers and wheels.



Kellem Dougherty drew several winning tickets. It was hard for him to decide on which prizes he wanted.



He is now the proud owner of a micro-soze Night Viper indoor plane. Gary Watters explained some of its features.



Repairing the Mavic 3 Drone

By Philip Foiles

This fall, while flying my **Mavic 3** over the lake in the dusk, I started to land before beginning a kitty search and rescue mission. As I descended, I moved back a bit to give plenty of clearance for my son who was standing in the street. I forgot about the tree, and since I was flying with sensors turned off, I ran into some lower branches.

It turned into an unplanned inverted ground contact. [Crash!] Damage assessment indicated a broken arm, damaged rear horizontal sensor, and a broken gimbal shock mount. DJI does not service the US market anymore, so I decided to repair it myself, since I build and repair my drones often.



Not the
Foiles' Kitty

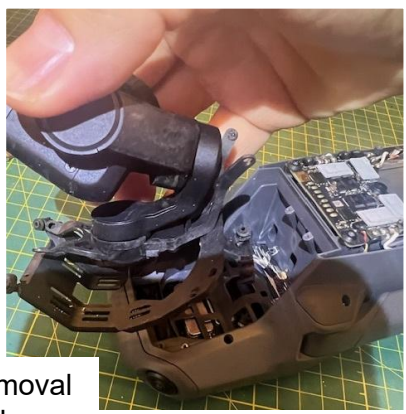


I bought parts from AliExpress, and once they were in, I got to work. The disassembly was very complicated, but following an excellent **tear down video**, I disassembled everything I needed to, down to unsoldering the motor in the broken arm. The red numbers shown in the pictures are two of several sequential steps; numbering helped me to keep track of all the screws and parts.

Editor: I viewed fifteen minutes of the disassembly video. It was way more involved than Philip suggests. The guy in the video used a magnetic mat to hold the dozens of teensy screws he removed just to get inside the body.



Inside view, top half
of opened unit

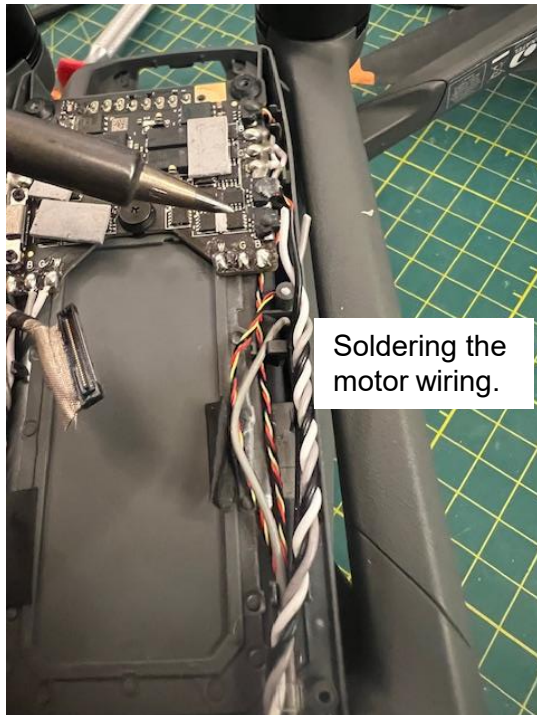


Gimbal shock mount removal
and space revealed.



Rear left arm removal,
showing the cable routing.

Repairing the Mavic 3 Drone *Continued*



Soldering the motor wiring.

The only soldering to do was for the motor removal/replacement. I found it interesting that with all the standardized plugs used throughout, that they chose to solder the motor wires. I find this superior to plugs, so I'm glad to have discovered this.

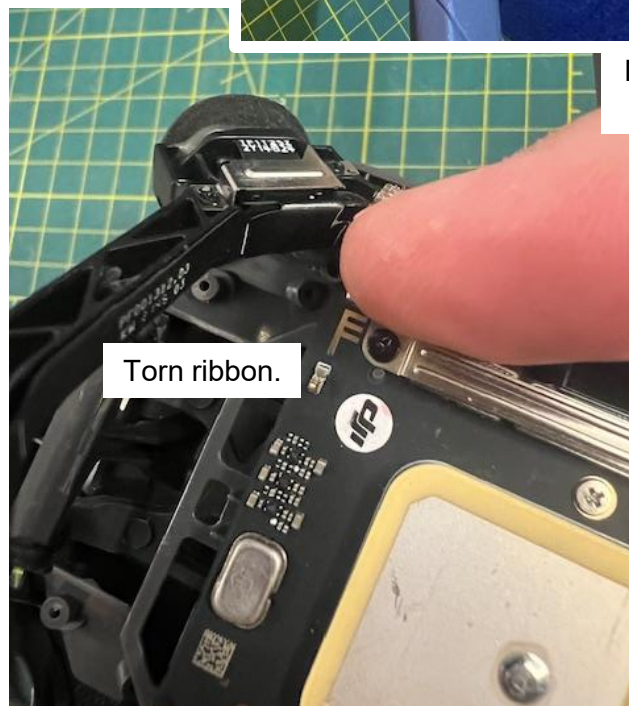


Damaged Sensor housing

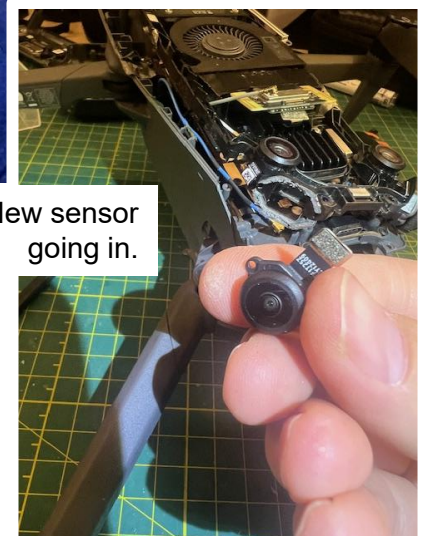
After fully assembling and testing and discovering that the sensors were still showing an error, I disassembled again and discovered that I had inadvertently torn a ribbon cable during the repair. I've since ordered a full sensor housing replacement, which includes this ribbon cable.

I hope to receive it soon so I can replace it and return the drone to the skies.

Since I'm grounded, I haven't taken on any drone work, so I hope to get airborne again soon!



Torn ribbon.



New sensor going in.



Saturday December 13, 2025

Miami County Fairgrounds, Peru IN

General Admission: 8am – Noon;

Vendor doors open 7am

Adults: \$5 Ladies & Children Free!

Featuring



Call ahead for any special item you want Valley View to bring to the show.

253-875-6890

www.valleyviewrc.com

Swap Information

- New and used RC aircraft and related items for sale or swap
- Raffle winners will select from over \$3000 of prizes!

Grand Prize: 73" Laser 230z from AJ Aircraft with DLE 35RA from ValleyView RC

8' tables for rent. Interior row tables: \$12 Wall tables: \$15

Located in the Project Building at the Miami County Fairgrounds (1079W / 200N) about 2 miles north of Peru.

Sponsored by the Converse Flying Eagles. Contact Matt Denham, 765-479-4288 or mattsrc57@yahoo.com