



# THE FLIGHTLINE



## AMA CLUB 668 SINCE 1968 RACINE RADIO CONTROL CLUB INC SINCE 1968

**RRCC February Issue**  
**February 16, 2025 Newsletter**

**WE ARE ON THE WEB**  
**www.racinerclub.com**

### Club Officers

#### President

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262-637-2787 (Cell 262-939-7926)  
president@racinerclub.com

#### Vice President

Roger Nickolaus  
414-405-8004  
vp@racinerclub.com

#### Secretary/Treasurer

Bob Johnson 847-421-5494  
secretary@racinerclub.com

#### Field Chairman

Trygve Smalley  
414-940-0929  
field@racinerclub.com

#### Safety Officer

Darrel "Hoss" Hossalla  
414-651-0968  
safety@racinerclub.com

#### Tractor Chairman

Eric Armantrout  
262-498-1035  
tractor@racinerclub.com

#### Compost Director

Stephen Knackert  
262-497-2824  
compost@racinerclub.com

#### Webmaster

Ron Hayes  
224-355-7651  
web@racinerclub.com

#### Newsletter Editor

Dennis Vollrath  
Cell 262-994-6342  
newsletter@racinerclub.com

### Racine R/C Club Meeting Minutes

January 19, 2025

Time: 1:00 PM

Location: R/C Flying Field

**Open Meeting** - Jim opened the meeting at 1:00PM. 19 members in attendance.

**Welcome - New Members & Guests** – There were no guests or new members.

**Minutes - Last Meeting** – No changes to the minutes.

#### Reports

**President-** Next Sunday-The Milwaukee RC Swap Meet is January 26, 2025. Volunteers are needed for the following shifts.

6:30AM-8:30AM

8:30AM-10:30AM

10:30AM-12:30AM

The event opens at 8:30AM. There will be free admission for volunteering and working a two-hour shift.

**(Editor note, Hoss indicated this event was well attended.)**

**Vice President-** Roger Nickolaus had nothing new to report.

**Secretary/Treasurer-** Bob Johnson reported our checkbook balance remains strong, and we are well positioned for any planned or unplanned club requirements.

Current membership as of this newsletter.

Senior Members	19
Open Members	6
Junior Members	0
Total	<hr/> 25

Wisconsin Form 990-N (tax exempt) has been filled with the state and our 2025 AMA Charter has been paid. Pat's Services has also been paid.

**Newsletter Editor**-Dennis Vollrath had nothing new to report.

**Field Chairman**- Trygve Smalley was not present.

**Tractor Chairman**- Eric Armantrout was not present.

**Web Master**-Ron Hayes had nothing new to report.

**Safety Officer**- Contact Darrell Hosalla has nothing new to report.

**Compost Director**- Steve Knackert reported there are 21 slots open for 2025 yet.

**Old Business**- Nothing to discuss.

**New Business** – Voting took place

for 2024 awards which will be presented at the club banquet in March.

**New Pilots** – None

**Show & Tell** – Dennis Vollrath pointed out various items available for our hobby via Amazon. Metric and SAE fasteners, scalpels and wing bags. Ray Fisher has a 20CC Revolver for sale.

**Raffle Drawing** – Chuck Roberts won the January Raffle. Chuck donated all to the club. \$19.00 total.

**Close Meeting** – Jim closed the meeting with a reminder the next club meeting will be Sunday February 16<sup>th</sup> at 1PM at the club house.

### **JIM'S CORNER**

Winter is certainly upon us. Wind and cold, but not really too much snow. As I write this article in the first week of February, the grass is showing and no snow. Some snow predicted by the weekend, but not the huge amounts we have had in the past.

At last month's club meeting, which I might point out had a lower than normal attendance, we voted for the recipients of the club's 2024 awards. They will be presented at our annual club banquet. Shown below are the specifics of this year's banquet.

At the upcoming club meeting on Sunday, February 16<sup>th</sup>, you will be able to sign up and pay if you would like to attend.

**2025 RC CLUB BANQUETSATURDAY  
MARCH 1<sup>ST</sup> 2025 ROMA LODGE –  
7130 SPRING STREET, MT. PLEAS-**

### **ANT**

**5 PM ARRIVAL / FELLOWSHIP MIXING  
6 PM DINNER MEAL COST PER  
PERSON - \$25**

At the present time, we are having some difficulties with updating our web site information. We have been unable to update the application page and the Club Handbook pages, which include the updated field rules which were approved several months ago. Ron Hayes & Justin Francisco are working on correcting the problem. We'll see what they can do.

The updated Field Rules have been printed in a large format & laminated, and attached to the north shelter wall area.

Basically, the Field Rules were modified to reflect several changes. The first describes how the large airplane area stages its planes and the taxi route. The second, describes how planes

should approach the flight line fence after landing, and turn parallel to the fence and turn off motor. The big thing here is to **NOT APPROACH THE FENCE OPENING**. We have had issues where a plane runs thru the open and into the pit area, therefore the revised flight line rule.

The lock codes for the field will be changed on Sunday, March 2<sup>nd</sup>. The new code is printed on your club membership card, lower left corner. ***(Editors note: Your editor will be using the club membership roster as of March 16 for the emailed copy of the RRCC newsletter. If you've not a current member, this will be your last newsletter)***

The flying season will be here sooner than you realize, so think about those new batteries your plane and transmitter need. **DON'T FORGET CHECKING YOUR TRANSMITTER BATTERY**. They need updating also!

Our next meeting is on Sunday, February 16<sup>th</sup> at 1 PM at the field. You will also be able to pay your membership dues if you have not yet done so, and sign up for the required compost site duty.

See you then..ly Safe & Have Fun

Jim Litwin  
President

## **Dennys Stuff**

As Jim indicated in his column, I do have considerable electronic equipment to check your model airplanes receiver battery packs.

As such, it is extremely rare for an A123 battery pack to loose milliampere hour capacity, or develop a high resistance cell. But that is NOT the case with those LiFe receiver battery packs. I've covered this previously in various newsletters. I've seen a half dozen failures of those LiFe receiver packs in our RC club. My educated guess is that a few of these LiFe battery packs were built with a tiny pin hole in their plastic baggie case, and they dry out after a year or three.

So, for the RRCC members, I do offer a free checkup on your LiFe receiver battery packs. Just put your name on the battery pack, and bring it to the field in the next

month or two. I will run a MilliAmpere Hour test on them, and label them with their actual MilliAmpere Hour capacity.

## **Dennys Hanger 9 J3 Piper Cub**

The J3 Piper Cub project is pretty much done. There are only a couple of things to re-check, such as the CG and similar items.

Most of us have worked with those blasted set screws that hold the wheel collars in place. If they are properly secured with Loctite, those screws become permanent, nearly impossible to remove. Seems they will always strip out when trying to unscrew them.

Amazon to the rescue. I picked up an assortment of metric Alan head screws that range in sizes on one box including M2, M2.5 and M3, with the second box ranging from M<2 to M5 sizes. I've found this

work out very well for securing those landing gear wheels. And, the larger allen screw head makes their removal later on a non-issue.

Incidentally, the same problem exists on the Hitec 645MG servos and similar type units. They use a M2.5 screw to secure the arm to the servo.

I've run up the motor in this Hanger 9 model in my back yard to get some numbers on performance. The power setup uses a 10 year old Hacker A50-12S motor, 16X10 APC-E electric prop, a Castle Creations 90 Amp Talon ESC, and a brand new 6S2P A123 battery pack.

**The motor performance is as follows:**

RPM = 7150  
Watts = 1270  
Amps = 73

The model weighs in at exactly 10 pounds, so it is running 127 Watts per pound of airplane. That is sufficient to

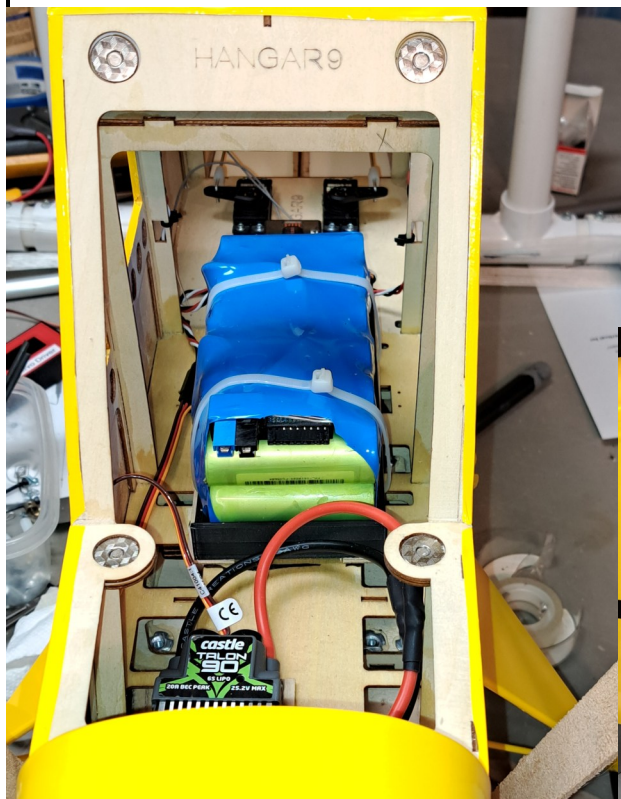


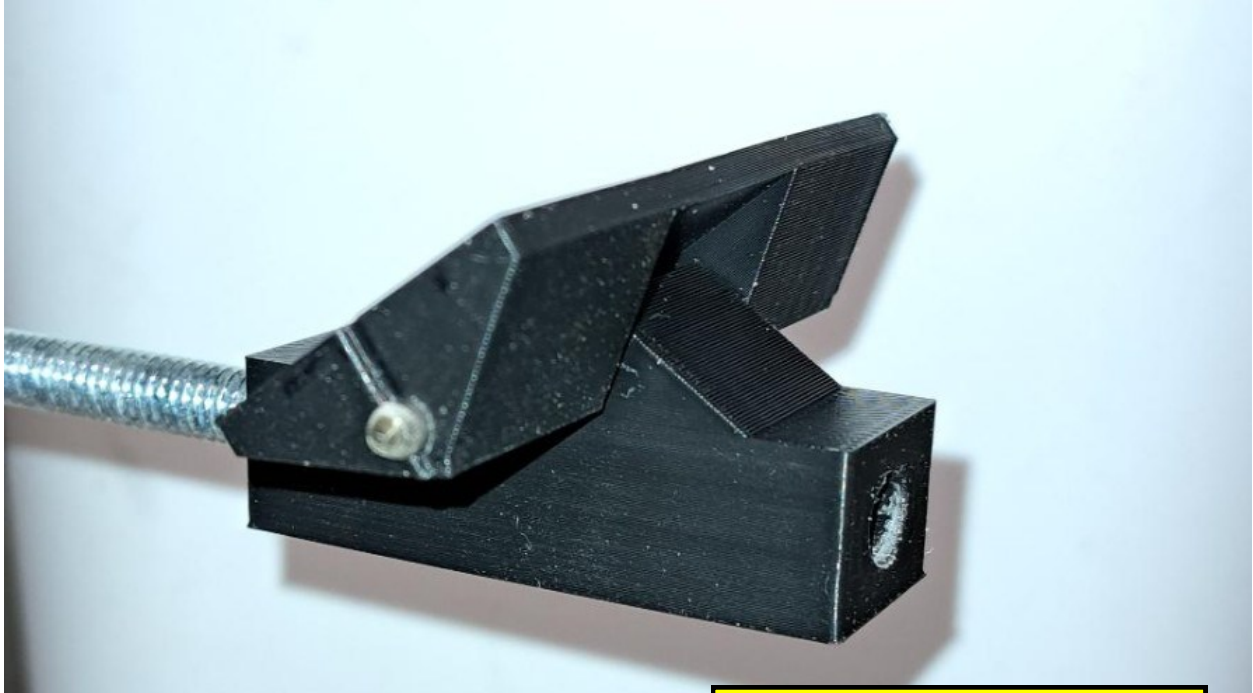
get the model off of the ground. Quickly. The model was designed to fly with a 10 cc gasser. My best guess is that Hacker motor will half again more horsepower than that 10 cc gas engine.

The big A123 battery pack fills up the fuselage, so my 3D printer was put to work printing out a black cover for the battery pack, the ESC, and the base for the pilot that was included with the model.

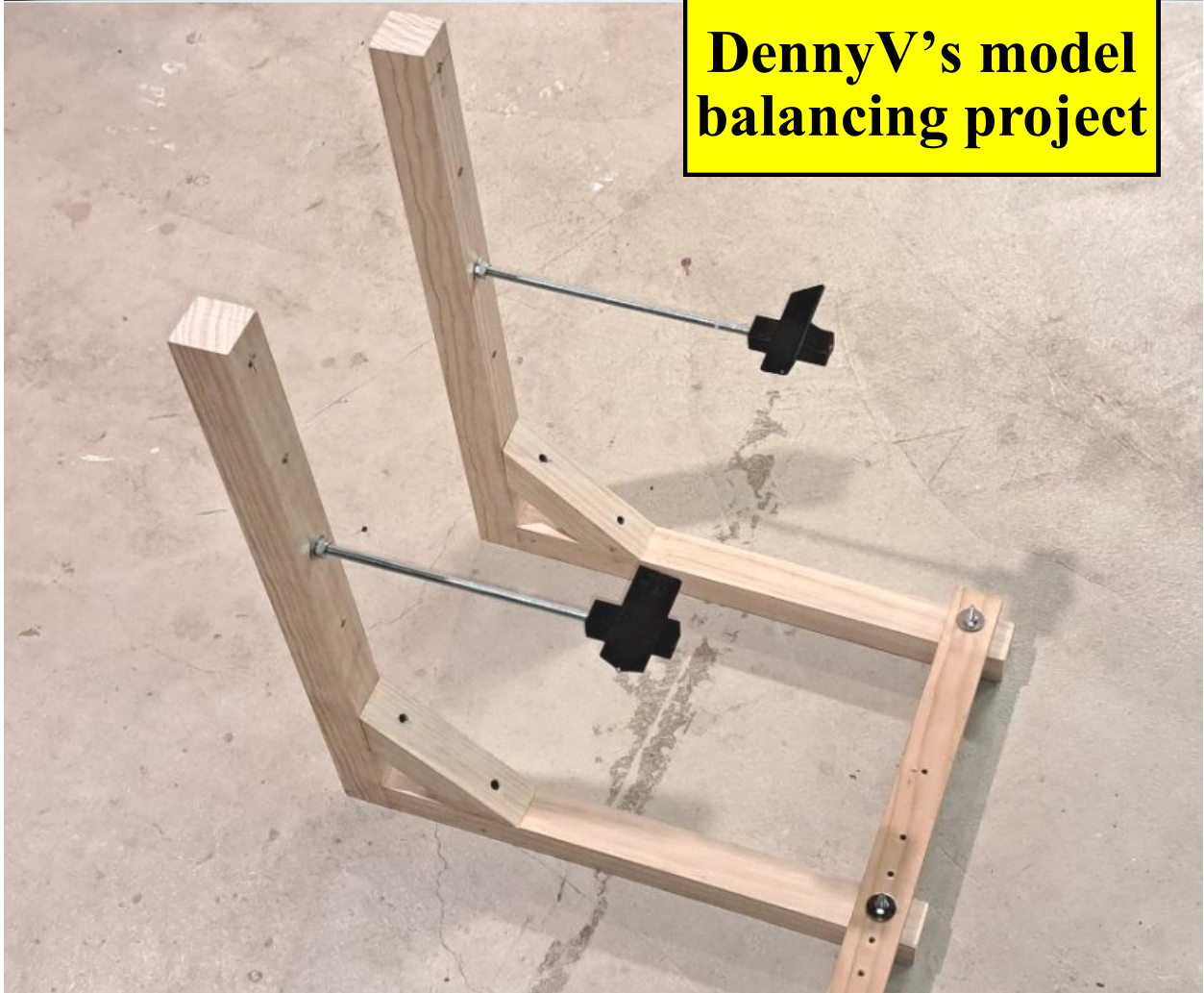
Also note: Your editor is working on another setup to balance your RC models, where the balancing mechanism uses a 3D printed teter totter, and some 2X2 Pine boards. It will be a show and tell at the February meeting.

DennyV RRCC Editor





**DennyV's model  
balancing project**



# Compost 2025

DATE	TIME	PRINT NAME	PHONE #	EMERGENCY #
2-Apr	Noon - 2 PM	Darrel Hossalla	414-651-0968	262-930-6820
	2 PM - 4 PM	Darrel Hossalla	414-651-0958	262-930-6820
	4 PM - 6 PM	John Bolt	815-540-5694	815-312-8335
9-Apr	Noon - 2 PM	Roger Nickolaus	414-405-8004	414-405-8011
	2 PM - 4 PM	Roger Nickolaus	414-405-8004	414-405-8011
	4 PM - 6 PM			
16-Apr	Noon - 2 PM	Roger Nickolaus	414-405-8004	414-405-8011
	2 PM - 4 PM	Darrel Hossalla	414-651-0968	262-930-6820
	4 PM - 6 PM	John Bolt	815-540-5694	815-312-8335
23-Apr	Noon - 2 PM	Ron Hayes	224-355-7651	312-217-3197
	2 PM - 4 PM	Ron Hayes	224-355-7651	312-217-3197
	4 PM - 6 PM	Ron Hayes	224-355-7651	312-217-3197
30-Apr	Noon - 2 PM	Trygve Smalley	414-940-0929	414-687-9715
	2 PM - 4 PM	Jim Lange		
	4 PM - 6 PM	Jerry Rose	262-490-2816	262-598-6904
7-May	Noon - 2 PM	Trygve Smalley	414-940-0929	414-687-9715
	2 PM - 4 PM	Rich Smentek	414-531-8075	414-322-9699
	4 PM - 6 PM	John Bolt	815-540-5694	815-312-8335
14-May	Noon - 2 PM	Jim Lange		
	2 PM - 4 PM	Jim Lange		
	4 PM - 6 PM	Chuck Roberts	224-717-9998	847-872-3628
21-May	Noon - 2 PM	Jerry Rose	262-498-2816	262-598-6904
	2 PM - 4 PM	Rich Smentek	414-531-8075	414-322-9699
	4 PM - 6 PM	Chuck Roberts	224-717-9998	847-872-3628
DATE	TIME	PRINT NAME	PHONE #	EMERGENCY #
28-May	Noon - 2 PM	Trygve Smalley	414-940-0929	414-687-9715
	2 PM - 4 PM	Rich Smentek	414-531-8075	414-322-9699
	4 PM - 6 PM			