THE FLIGHTLINE

RRCC 59 YEARS

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

RRCC October Issue
November 1st, 2026 Newsletter

WE ARE ON THE WEB
www.racinercclub.net

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Racine R/C Club Meeting Minutes
October 4, 2026
Time: 1:00 PM
Location: R/C Flying Field

Open Meeting - Jim opened the meeting at 1:00PM. 17 members were in attendance.

Welcome - New Member & Guests – Paul (did not get last name) attended the October meeting. He fly's helicopters and interested in fixed wing aircraft.

Minutes - Last Meeting – No changes to the minutes.

Reports

President- Jim Litwin reported that the slate of candidates for officer positions is full except for the position of field chairman. Please consider running for this position. Note, even though the other positions have a candidate, consider submitting your name as well if you are interested in running.

We vote for officers at the next meeting.

The setting of membership dues will be at the December 6th meeting. Payment can be made after the meeting when we know what the dues will be for 2027.

Buzz's celebration of life was on October 10th. Visitation was at 2PM with services at 3PM at the Proko Funeral Home in Kenosha.

Rich Smentek has volunteered to continue the photographic work that Buzz had been doing for many years.

The shelter walls went up on Saturday October 17th. We have an air compressor to dispose of.

Vice President- Roger had nothing new to report.

Secretary/Treasurer-Bob Johnson

Current membership as of this newsletter.

Senior Members	31
Open Members	10
Junior Members	2
Family Members	5
Family	
Total	48

Our funds are doing well and there should be no issue for the foreseeable future.

Newsletter Editor-Dennis Vollrath had nothing to report.
Field Chairman- Trygve Smalley spayed weed killer all around the grounds. He also trimmed a lot of areas as well. Thanks to all who helped.
Tractor Chairman- Eric Armantrout not present but all is good.
Web Master- Ron Hayes added a new link to our website that gives live updates on field weather conditions.
Safety Officer- Darrell Hossalla was not present at this meeting.
Compost Director- Steve Knackert reported all is good with the compost site.

Old Business- None
New Business – Motion was made for the air compressor to go to Ron Hayes and passed.
New Pilots – None

Show & tell – Nothing was shown at the meeting.

Raffle Drawing – No raffle this month.

Close Meeting – Jim closed the meeting with a reminder the next meeting will be held on November 1st at 1PM.

JIM'S CORNER

As I write this article, the flying weather has been absolutely beautiful. It won't last long, and hopefully you will get in some end of the year flying.
On Sunday, November 1st, we have our club meeting where we elect the officers of the club for the 2027 flying year.

At this time we have no contested positions, and one vacant position. The Field Chairman position is still vacant and anyone who would be interested in running for this position is encouraged to let us know.

As a reminder, the new slate of officers take effect at the conclusion of the upcoming November 1st meeting.

At the December 6th meeting, the membership will discuss and then set by a motion, the 2027 membership dues rate. The collection of dues will take place at the conclusion of that meeting when the membership dues rate will have been established.

The 48th Annual RC Swap Meet & Auction, managed by the Milwaukee RC Association is being held on Sunday, January 31, 2027. A brief informational page concerning this event is found elsewhere in this newsletter.

This will be my last newsletter article. After 20 years consecutive years as your club President, and 29 years as a club officer, it time to step aside and enjoy some quiet flying time. Thank you all.
Fly Safe & Have Fun.

Jim Litwin
President

Dennys Stuff

Lots of stuff to cover this month. Starting off with the Model Aviation magazine.

Recently, I got a private message in www.rcgroups.com from Greg Gimlick who is a past columnist in the Model Aviation magazine. Greg asked me if I was the original designer of the SwitchIR project.

I let Greg know that I was the pioneer of the project starting in the year 2020. And last year, I requested the RCGroups readers for someone to take over the BattIR project.

Here is where Ken Elder of PE2 mfg agreed to take over the project and is currently selling the upgraded version of the SwitchIR project. (Ken has sold about 300 of them so far)

Meanwhile, a guy in RCGroups by the name of Bruce Walker ***wrote*** the article for the Model Aviation Magazine about the Precision Extension Tester for testing servo extensions and receiver switches ***"That he designed".*** That article is on page 12 of the May 2026 issue of the MA magazine.

Greg immediately informed the Model Aviation editorial staff that Denny Vollrath was the originator of the project, and that Bruce just copied my design, making a few changes to allow the use of a different microcontroller.

As an added note, my original design has an error in the resistance of the servo extensions wires where a 50 MilliOhm precision 1% resistor will actually show 52.8 MilliOhms. I just left it as is, because few members have the equipment to measure those low resistance values accurately. Guess what, the Precision Extension meter also has the same exact error also showing 52.8 MilliOhms on that same precision 50 MilliOhm 1% resistor.

What set the alarms off is recently, Bruce Walker submitted an article on the BattIR meter to the Model Aviation magazine editors. The Editors forwarded the Walker submission to Greg, asking about the usefulness of the BattIR meter.

Greg warned the MA editorial staff that Bruce Walker did NOT design the BattIR meter, again Dennis Vollrath did in the year 2018. **In fact, Greg bought one of the BattIR meters from me!**

I have been in communication with the MA Editors, providing full documentation and proof (RCGroups.com Web Pages) that I did all of the pioneering work and final design work on both the SwitchIR meters and the BattIR meters.

I don't know what the Model Aviation Magazine editors will do with this information. We'll see.

More stuff!

About the SwitchIR project: I've been buying bulk servo wire from Amazon, and have been running into serious problems with Amazon shipping the wrong gauge wire.

As an example, I have three different 40 some foot packages of bulk servo wire shipped in packages marked with a label indicating #22 gauge wire.

The wire didn't look right, so I cut one foot pieces of them, and measured their resistance with my MicroOhm meter. And, checking that resistance against standard wire tables, that wire marked as #22 gauge wire is actually #26 gauge!

Out of four different Amazon orders for #22 gauge wire from four different Amazon

suppliers, three were #26 gauge and only one was the correct #22 gauge.

So the questions is: Just how much of an issue is using #26 gauge wire for a servo extension?

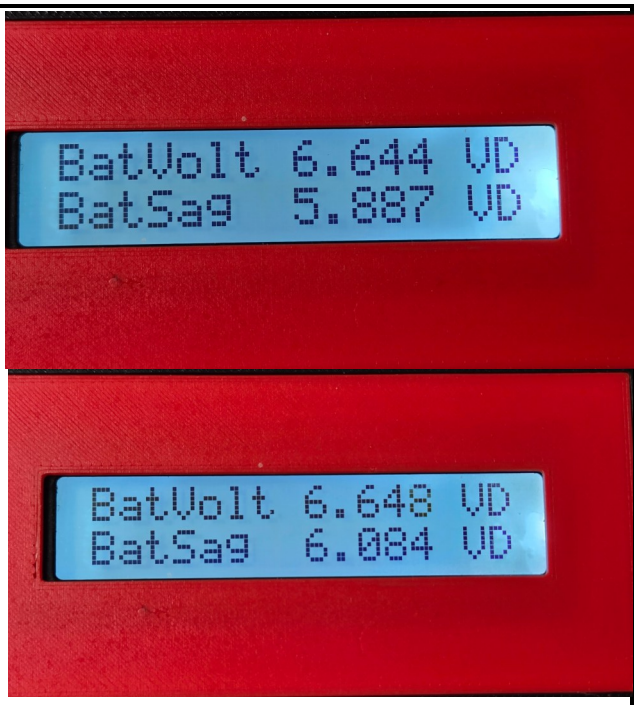
That's an easy test with one of my 7 oscilloscopes, a servo, servo driver and an A123 receiver battery. But, DennyV just had to come up with a digital meter that could show how much of a voltage sag exists with #26 gauge wire, and #22 plus #20 gauge wire for that matter. Note that a poor crimping job on the servo pin terminals can increase that voltage drop by 10 times, resulting in risk to or loss of your model.

This meter reads the battery voltage exactly 1000 times per second, and is accurate to 0.3% on DC voltage.

The top photo on the right shows the BatSag voltage of 5.887 VDC delivered to a Hitec 645MG servo under load at the end of a three foot long #26 gauge servo extension wire.

The bottom photo shows the same voltage at the end of a three foot long #22 gauge wire connected to the same servo. There isn't a lot of difference in voltage.

So, IMHO, using #20 gauge wire in servo extensions is a bit of overkill when using one servo extension to power one servo.
This will be a "Show and Tell" at the November 1st meeting.



In theory, one COULD safely use #26 gauge wire for servo extensions, ***but I'd absolutely NOT recommend it!*** Perhaps that size wire can handle the current and voltages properly, but it's just to fragile for use in any of our $$$$ model airplanes.

And, personal experience, #20 gauge wire is just to large in diameter to fit into the various servo terminals before doing the crimping job. That #20 gauge wire doesn't fit into the terminals.

DennyV - RRCC Newsletter Editor

2027 OFFICER CANDIDATES

At the present time the list of candidates for club officer for 2027 are:

President	Mike Sells
Vice President	Roger Nickolaus
Sec/Tres.	Bob Johnson
Tractor Chairman	Peter Gehrig
Safety Officer	Darrel Hossalla
Newsletter Editor	Dennis Vollrath
Compost Director	Steve Knackert
Webmaster	Ron Hayes
Field Chairman	**OPEN**

PACKERS

48th Annual RC Swap Meet & Auction
Sunday, January 31, 2027
8:30am to 2:00pm
New Location For 2027!
Waukesha County Expo Center Arena
1000 Northview Rd, Waukesha, WI 53188
Public entrance is on the east side of the round building with domed roof.

Admission is $10 each for age 16+. Under age 16 is free.
Volunteers receive free admission for working a 2-hour shift.
Shifts start at 6:30am, 8:30am, or 10:30am.
Volunteers check for wristbands at entrances or help vendors unload vehicles.
Contact us if you are interested in volunteering.
Ample free parking. Concessions available. Auctions throughout the day.
50/25/25 Cash raffle. Two 25% drawings about 12:00pm. Need not be present to win.
NO SELLING BEFORE 8:30am!

Reserve Tables

Tables are $20 each.
There are 133 tables available out of 133 total tables for the event.
Reserve early while tables are still available.
Table reservations can be made online thru Thursday, January 28, 2027.
To reserve tables by mail, use the Table Reservation Form.
To reserve tables online and view your table reservations online, you must be signed in.
Sign In / Register
The event is now run entirely by volunteers, which significantly reduces our expenses. We wish to automate running the event as much as possible to reduce the workload on the volunteers and keep them coming back. You are strongly encouraged to reserve your tables online because we think it is easier than the mailed reservation form for both you and our volunteers. We hope to add more online features in future years such as allowing you to choose your tables ahead of time.

Compost Duty Roster 2026

10/14/26	Noon - 2 PM	(SAME)
	2 PM - 4 PM	Eric Armantrout
	4 PM - 6 PM	Eric Armantrout
10/21/26	Noon - 2 PM	Ron Hayes
	2 PM - 4 PM	Ron Hayes
	4 PM - 6 PM	Ron Hayes
10/28/26	Noon - 2 PM	Chuck Brzezicki
	2 PM - 4 PM	Carl Bergquist
	4 PM - 6 PM	Jim Strelitzer
11/04/26	Noon - 2 PM	Buzz Paricka
	2 PM - 4 PM	Carl Bergquist
	4 PM - 6 PM	Jim Strelitzer
11/11/26	Noon - 2 PM	Buzz Paricka
	2 PM - 4 PM	Buzz Paricka
	4 PM - 6 PM	Jim Strelitzer
11/18/26	Noon - 2 PM	Steve Navone
	2 PM - 4 PM	Steve Navone
	4 PM - 6 PM	Steve Navone