



THE FLIGHTLINE



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

RRCC August Issue
September 6, 2026 Newsletter

WE ARE ON THE WEB
www.racinerccclub.net

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Racine R/C Club Meeting Minutes

August 7, 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 – David Kraemer from Kenosha joined the club in August and is an experienced glider pilot.

Minutes - Last Meeting – No changes to the minutes.

Reports

President- Jim Litwin reported due to concerns of keeping the mower radiator clean a larger capacity compressor with a 10-gallon capacity and hose reel was purchased from Harbor Freight. New shelving was installed in the container to accommodate the larger compressor.

The roof on the north end of the club house has deteriorated due water getting in and rotting the roof and wall area. Roofing material is on order and will be installed upon arrival.

Reference the newsletter calendar of events regarding the upcoming proposed rules and by-law changes and election of officers for the upcoming year.

Proposed changes must be submitted to the club secretary in writing by 9/1/2026.

Consider becoming an officer as there will be vacant positions for 2026. During the meeting Pete Gehrig put his name in for tractor chairman and Mike Sells is interested in becoming the club president. Current officers need to consider re-election for the coming year.

Joe Spaulding was a no show for compost duty. He

has since quit the club as a result of not being able to perform his duty due to his work assignment.

The village of Mt Pleasant will be at the club on Sunday August 16 to take a video that will be added to the village website about tourism and points of interest in the area.

Chuck Roberts, long time club member, passed away July 11. Services were held in Zion, IL.

Vice President- Roger thanked all who helped during the club picnic.

Secretary/Treasurer-Bob Johnson

Current membership as of this newsletter.

Senior Members	30
Open Members	10
Junior Members	2
Family Members	5
Family	
Total	47

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

Newsletter Editor-Dennis Vollrath had nothing new to report.

Field Chairman- Trygve Smalley was not present.

Tractor Chairman- Eric Armantrout reported the mower was serviced and a new fan belt and idler pulley is on order.

Web Master- Ron Hayes had nothing new to report.

Safety Officer- Darrell Hossalla reported two coats of paint were applied to the clubhouse exterior.

Compost Director- Steve Knackert reported a glass window and sod got into the compost. Please be sure to

check people's load as they enter.

Old Business-

New Business – Discussion regarding the replacement of the clubhouse service door. A motion was made and passed allowing Hoss to spend up to \$500.00 on the door with combination lock.

New Pilots – None

Show & tell – Denny showed a package of various sized shrink tubing he purchased from Amazon. He also presented a 24-volt, 50 amp hour battery he is using to replace his portable Honda generator for charging batteries at the field. This battery is capable of up to 4000 charging cycles.

It weighs 22 pounds vs the 32 pounds the generator weighs. It also has Wi-Fi connection capability. He designed a new case on wheels that holds the battery, charger, transmitter and other field items that make it very convenient to transport.

Dave Kreamer showed a glider he built from carbon fiber material. This plane represents 80 hours of work.

Raffle Drawing – John Bolt won the June raffle. John donated the entire \$20.00 to the club. Thanks John!

Close Meeting – Jim closed the meeting with a reminder the next meeting will be held on September 6 at 1PM.

JIM'S CORNER

We have been having some beautiful lying weather, but it seems that not as many people as usual are enjoying the flying field. Come on out!

Some repairs have taken place at the field. Jerry & Hoss has remounted the rain gutter on the shelter, and replaced / repaired the roof area on the north side of the shelter.

As mentioned before, the shelf in the storage container has been rebuilt and the new compressors hose reel have been mounted. The new compressor really makes cleaning the mower a LOT easier.

With respect to this topic, we need to

make a decision on the disposal of the smaller compressor we no longer need. Will discuss at the upcoming meeting. Suggestion, winner of the raffle drawing take it home!

The grass at the field is growing like crazy. We are cutting every Wednesday & Saturday. We need help with this job. At this time we have a candidate for all club officer positions, except Field Chairman. That position is open. If you are interested, let us know.

Our next meeting is Sunday Sept 6th at the field. Hope you can make it.

Have Fun & Be Safe
Jim Litwin
President

2027 OFFICER CANDIDATES

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

President

Vice President

Sec/Tres.

Tractor Chairman

Safety Officer

Newsletter Editor

Compost Director

Webmaster

Field Chairman

Mike Sells

Roger Nickolaus

Bob Johnson

Peter Gehrig

Darrel Hossalla

Dennis Vollrath

Steve Knackert

Ron Hayes

OPEN

Because most of these positions have a candidate does not mean someone else cannot also run for a position. If you are interested, please let us know.

Dennys Stuff:

Got some interesting items this issue. As most RRCC members know, your editor has a vast interest in all things electronic. And, I just added another oscilloscope to my 6 existing oscilloscopes!

My needs include the ability to download oscilloscope displays as a photo file for use in various publications such as this newsletter.

I've got an old Amazon DSO150 scope

that has been used a lot for simple stuff. But I just found a DSO510-2 scope in Amazon for \$45.00 that allows downloading all scope images to my PC.

And, it was quickly put to use on checking out the currents pulled by the servos we all use in our model airplanes.

And, the result was the big surprise of the month. I've previously reported in the RRCC newsletter that these servos do not pull a constant DC current.

Rather, they pull a constant repeating pulse currents about 45 times per second for an analog servo, and several hundred times per second for a digital servo.

Nice thing about Analog servos, they pulled those peak currents in a "Round Robin" process, where no two servos are pulling peak currents at the same time.

Much to my surprise, that was not true in the newer Spektrum receivers such as the AR8360T's.

That little oscilloscope showed that the AR8360T receiver drove several channels in exactly the same timing, so the peak currents added up.

After several hours of testing, I found out that with a simple AR8360T receiver and four Hitec 645MG servos, just spinning the transmitter sticks round and round resulted in a peak current of 9.7 Amps being pulled from the receiver battery pack.

Most everyone in our RRCC club are using either LiFe or A123 receiver battery packs for receiver/servo power. And, those two type battery packs can easily handle that 10 Amps or so peak current.

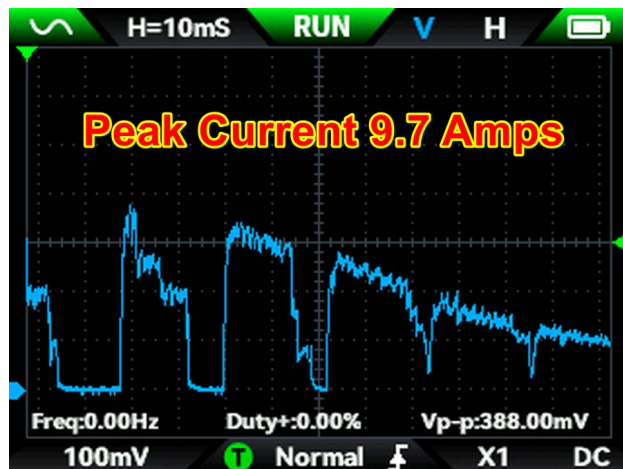
With the exception of an older LiFe battery pack that has a cell in trouble. For that reason, I built up and sold a bunch of receiver battery pack analyzers last year that will quickly ID any LiFe battery in trouble.

(FYI, failed cells in the A123 battery packs can happen, but they are very rare)

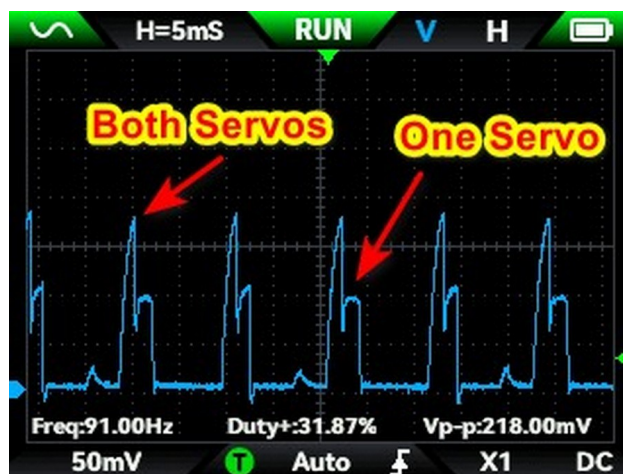
But, this does leave the issue of those servo extensions and receiver switches. To cover those, I build up about 50 of

those SwitchIR meters that many of the RRCC members have. For those that would like one, they are being manufactured commercially. Let me know if interested.

The first scope download shows a peak current of 9.7 Amps just spinning the transmitter sticks round and round.



The second download shows the two peak currents adding up between two Hitec 645MG servos.



Update on your Newsletter Editors field box with wheels for charging those A123 batteries.

This project has been working far better then expected, with the 24 Volt 50 Amp Hour LiFePo4 powering the charger for the models airplane batteries.

The LiFeP04 battery I selected from Amazon has built in cell balancing, along with Blue Tooth for communication with my Cellphone.

The WiFi connection to my cellphone provides battery voltage, battery discharge (or charge) rate in Amperes, remaining battery Ampere Hours, along with the battery temperature.

I can sit at the shelter, and check the current drain on the 24 Volt battery. When that drain drops to near zero, I know that the charging cycle on the models battery pack is done.

My Escapade model has an 11S2P A123 battery pack configured as 6S and a 5S

packs. The Icharger shows that each charge cycle on the Escapade takes 5.3 Ampere Hours.

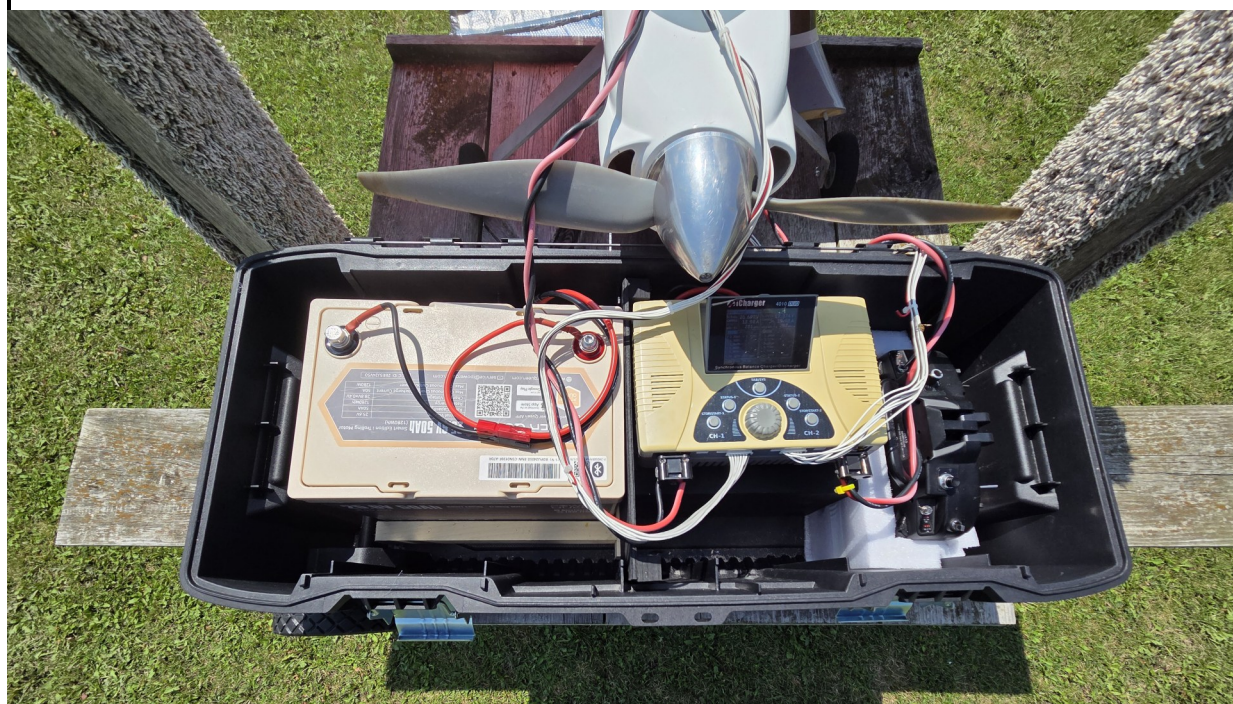
So with a 50 Amp Hour 24 Volt battery, I can get 7 recharges on the Escapade models battery packs. (And still leave 25% left in the 24 Volt battery) That's about what I got out of a tank of gas in the Honda Generator.

As for cost, I have about \$1000 invested in the Honda Generator plus the 120 Volt to 24 Volt DC power supply. Compare that to the \$300 for the LiFeP04 24 Volt battery and \$75 more for the charger for the same battery.

I changed the oil in the Honda Generator, and ran it out of gas for long term storage.

The photo shows the 24 Volt battery, the Icharger Duo, and the nX10 transmitter slipped into the foam container. The black foam was found in Amazon.

DennyV RRCC Newsletter Editor



Compost Duty Roster 2026

DATE	TIME	NAME
7/29/2026	Noon - 2 PM	Don Parkinson
	2 PM - 4 PM	Don Parkinson
	4 PM - 6 PM	Tim Brehm
8/5/2026	Noon - 2 PM	Matt Holl
	2 PM - 4 PM	Matt Holl
	4 PM - 6 PM	Matt Holl
8/12/2026	Noon - 2 PM	Don Parkinson
	2 PM - 4 PM	Ray Fisher
	4 PM - 6 PM	Ray Fisher
8/19/2026	Noon - 2 PM	Jason Gamble
	2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Rick Stapleton
8/26/2026	Noon - 2 PM	Tim Brehm
	2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Tim Brehm
9/2/2026	Noon - 2 PM	Mike Stein
	2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Rick Stapleton
9/9/2026	Noon - 2 PM	Bob Johnson
	2 PM - 4 PM	Bob Johnson
	4 PM - 6 PM	Rick Stapleton
9/16/2026	Noon - 2 PM	Bob Johnson
	2 PM - 4 PM	Jim Houtsinger
	4 PM - 6 PM	Eric Armantrout

DATE	TIME	NAME	DATE	TIME	NAME
04/01/26	Noon - 2 PM	Darrel Hossalla	07/29/26	Noon - 2 PM	Don Parkinson
	2 PM - 4 PM	Darrel Hossalla		2 PM - 4 PM	Don Parkinson
	4 PM - 6 PM	Justin Francisco		4 PM - 6 PM	Tim Brehm
04/08/26	Noon - 2 PM	Roger Nickolaus	08/05/26	Noon - 2 PM	Matt Holl
	2 PM - 4 PM	Roger Nickolaus		2 PM - 4 PM	Matt Holl
	4 PM - 6 PM	Paul Westcott		4 PM - 6 PM	Matt Holl
04/15/26	Noon - 2 PM	Roger Nickolaus	08/12/26	Noon - 2 PM	Don Parkinson
	2 PM - 4 PM	Darrel Hossalla		2 PM - 4 PM	Ray Fisher
	4 PM - 6 PM	Trygve Smalley		4 PM - 6 PM	Ray Fisher
04/22/26	Noon - 2 PM	Jerry Rose	08/19/26	Noon - 2 PM	Jason Gamble
	2 PM - 4 PM	Rich Smentek		2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Mike Sells		4 PM - 6 PM	Rick Stapleton
04/29/26	Noon - 2 PM	Trygve Smalley	08/26/26	Noon - 2 PM	Tim Brehm
	2 PM - 4 PM	Rich Smentek		2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Paul Westcott		4 PM - 6 PM	Tim Brehm
05/06/26	Noon - 2 PM	Trygve Smalley	09/02/26	Noon - 2 PM	Mike Stein
	2 PM - 4 PM	Rich Smentek		2 PM - 4 PM	Wayne Greisen
	4 PM - 6 PM	Peter Gehrig		4 PM - 6 PM	Rick Stapleton
05/13/26	Noon - 2 PM	Mike Sells	09/09/26	Noon - 2 PM	Bob Johnson
	2 PM - 4 PM	Mike Sells		2 PM - 4 PM	Bob Johnson
	4 PM - 6 PM	Peter Gehrig		4 PM - 6 PM	Rick Stapleton
05/20/26	Noon - 2 PM	Terry Peterson	09/16/26	Noon - 2 PM	Bob Johnson
	2 PM - 4 PM	Dennis Vollrath		2 PM - 4 PM	Jim Houtsinger
	4 PM - 6 PM	Dennis Vollrath		4 PM - 6 PM	Eric Armantrout
05/27/26	Noon - 2 PM	Jerry Rose	09/23/26	Noon - 2 PM	Mike Stein
	2 PM - 4 PM	Jerry Rose		2 PM - 4 PM	Jim Houtsinger
	4 PM - 6 PM	Dennis Vollrath		4 PM - 6 PM	Chuck Brzezicki
06/03/26	Noon - 2 PM	Steve Knackert	09/30/26	Noon - 2 PM	Carl Bergquist
	2 PM - 4 PM	Terry Peterson		2 PM - 4 PM	Jim Houtsinger
	4 PM - 6 PM	Peter Gehrig		4 PM - 6 PM	Mike Stein
06/10/26	Noon - 2 PM	Terry Peterson	10/07/26	Noon - 2 PM	Chuck Brzezicki
	2 PM - 4 PM	Steve Knackert		2 PM - 4 PM	Roman Kirykowicz &
	4 PM - 6 PM	Justin Francisco		4 PM - 6 PM	Helmet Schmidtke
06/17/26	Noon - 2 PM	John Bolt	10/14/26	Noon - 2 PM	(SAME)
	2 PM - 4 PM	Steve Knackert		2 PM - 4 PM	Eric Armantrout
	4 PM - 6 PM	Justin Francisco		4 PM - 6 PM	Eric Armantrout
06/24/26	Noon - 2 PM	John Bolt	10/21/26	Noon - 2 PM	Ron Hayes
	2 PM - 4 PM	Jason Fisher/SteveK		2 PM - 4 PM	Ron Hayes
	4 PM - 6 PM	Jim Litwin		4 PM - 6 PM	Ron Hayes
07/01/26	Noon - 2 PM	John Bolt	10/28/26	Noon - 2 PM	Chuck Brzezicki
	2 PM - 4 PM	Jason Fisher/SteveK		2 PM - 4 PM	Carl Bergquist
	4 PM - 6 PM	Jim Litwin		4 PM - 6 PM	Jim Strelitzer
07/08/26	Noon - 2 PM	Jason Gamble	11/04/26	Noon - 2 PM	Buzz Paricka
	2 PM - 4 PM	Jason Fisher/SteveK		2 PM - 4 PM	Carl Bergquist
	4 PM - 6 PM	Jim Litwin		4 PM - 6 PM	Jim Strelitzer
07/15/26	Noon - 2 PM	Jason Gamble	11/11/26	Noon - 2 PM	Buzz Paricka
	2 PM - 4 PM	Ray Fisher		2 PM - 4 PM	Buzz Paricka
	4 PM - 6 PM	Ray Fisher		4 PM - 6 PM	Jim Strelitzer
07/22/02	Noon - 2 PM	Joe Spaulding	11/18/26	Noon - 2 PM	Steve Navone
	2 PM - 4 PM	Joe Spaulding		2 PM - 4 PM	Steve Navone
	4 PM - 6 PM	Joe Spaulding		4 PM - 6 PM	Steve Navone

Date	Club	Event
Sunday, April 12, 2026	Racine RC Club	Club Meeting
Sunday, May 3, 2026	Racine RC Club	Club Meeting
Saturday, May 30, 2026	Racine RC Club	Shelter Walls Down
* Sat Jun 6	Circle Masters Flying Club at Sussex Village Park	Control Line Open Fun Fly and informal contest
* Sat Jun 6 (rain Jun 7)	Flying Electrons	Annual Club "Fun Fly"
Sat Jun 6	Fond Du Lac Aeromodelers Association	Open Fun-Fly
Sunday, June 7, 2026	Racine RC Club	Club Meeting
* Sat Jun 27 (rain Jun 28)	Sky Ranch Flyers	Fun Fly
* Sun Jul 5	Racine RC Club	Club-Only Picnic
* Sat Jul 11	Bong Eagles at MARKS	Old Timer Contest
* Sun Jul 12	Flying Electrons	Club-Only Fun Fly
* Sat Jul 18 (rain Jul 19)	Astrowings of Wisconsin	Charity Fun Fly
* Sat Jul 18	Pebble Creek Flyers, Inc.	Club-Only Fun Fly
* Sat Jul 18 (rain Jul 19)	Rainbow Aero Modelers Society (RAMS)	SWARM Helicopter Friend Fly
* Mon Jul 20 - Sun Jul 26	Circle Masters Flying Club	EAA KidVenture – Oshkosh
* Sat Aug 1 (rain Aug 2)	Flying Electrons	Airfest, Fly-In Benefit Troop #110
Sat Aug 1	Rubicon Area Flyers	Fun Fly
Sunday, August 2, 2026	Racine RC Club	Club Meeting
* Sat Aug 8	Bong Eagles	All Free Flight Contest
* Thu Aug 13 - Sat Aug 15	Fond Du Lac Aeromodelers Association	Warbirds and Classics Over Midwest
* Sun Aug 16	Fond Du Lac Aeromodelers Association	Wellnitz Memorial Open Fun Fly
* Sun Aug 30	Circle Masters Flying Club	Demo Flying, Sussex Antique Farm Implement Show
Sunday, September 6, 2026	Racine RC Club	Club Meeting
* Sun Sep 6	Watertown Aeromodelers RC Club at Watertown Municipal Airport	Open house and pancake breakfast with static displays
* Sat Sep 12 (rain Sep 13)	Flying Electrons	Fly-In and Swap Meet
* Sat Sep 12 (rain Sep 13)	Rainbow Aero Modelers Society (RAMS)	Club-Only Picnic
Monday, September 14, 2026		Field Rule/By Law Changes
To Be Determined	Flying Electrons	Pattern Contest (Flying Electrons members can fly at Astrowings)
Saturday, October 3, 2026	Racine RC Club	Shelter Walls Up
Sunday, October 4, 2026	Racine RC Club	Club Meeting
	Racine RC Club	Maker Faire
* Sat Oct 17 7-10pm	Flying Electrons	
Sat Oct 31 - Sun Nov 1 or following weekend	All clubs invited to participate and promote	
Sunday, November 1, 2026	Racine RC Club	Club Meeting (Vote Officers/Rule
Sunday, December 6, 2026	Racine RC Club	Club Meeting (Vote Club Dues Rate)