



THE FLIGHTLINE



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

RRCC July Issue
July 12, 2026 Newsletter

WE ARE ON THE WEB
www.racinerclub.net

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Racine R/C Club Meeting Minutes

June 7th, 2026

Time: 1:00 PM

Location: R/C Flying Field

Open Meeting - Jim opened the meeting at 1:00PM. 20 members were in attendance.

Welcome - New Member & Guests – Charlie Swade Sr and his sons Charlie Swade Jr and Jack Swade are new members.

Minutes - Last Meeting – No changes to the minutes.

Reports

President- Jim Litwin reported that the Joe Nall trip this year was enjoyable. They had great weather this year which was much better than the rains in 2025. Attendance was down to 900 pilots from 1500 last year.

Gary Bokowy died on May 3rd in Arizona. Gary's name will be added to the missing pilot plaque in the clubhouse.

Vice President- Roger reported the Wings and Wheels event in on the Franksville/Ramond area will be held at 10:00AM next Saturday.

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 new to report.

Field Chairman- Trygve Smalley sprayed the weeds around the clubhouse. The club can also use more members to help with the mowing.

Tractor Chairman- Eric Armantrout was not present.

Web Master- Ron Hayes had nothing new to report.

Safety Officer- Darrell Hossalla had nothing to report.

Compost Director- Steve Knackert reported the maximum diameter for branches being dropped is 12" and they need to be longer than one disk. No sod or dirt allowed.

Old Business- According to past scheduling, the July meeting is replaced with the club picnic. The first Sunday makes this July 5th. Some members at the last meeting were not happy. No one brought forth a motion to move it out a week to the 12th, so a motion was made and passed to move the picnic to the 12th of July. Just to be clear, there is no

meeting in July.

New Business – A motion was made to make Charlie Swade an instructor and passed. He will be responsible for training his two sons.

A motion was made to authorize \$400.00 for the club picnic to buy food and beverages.

June 27th there is a Fun Fly at the Sky Ranch club in West Bend. \$5.00 entry fee will be charged per pilot.

New Pilots – None

Show & tell – Denny showed a miniature camera he purchased on Amazon that is packaged in the size of an automobile key fob. Price is \$35.00.

Raffle Drawing – Wayne Greisen won the June raffle. \$13.00 goes to Wayne and \$13.00 to the club.

Close Meeting – Jim closed the meeting with a reminder there is no club meeting in July, and the club picnic will be held on July 12th.

As mentioned in the RRCC minutes from last month, your editor picked up a small Key Fob sized video camera from Amazon last month. The weather hasn't allowed flying until a week or two ago. I put on two flights with that video camera mounted in the Escapade model.

The video that was recorded was surprisingly fairly good, considering the size and price of the video camera. I've uploaded the two videos to YouTube, I've also attempted to upload the two video clips to the RRCC YouTube channel but have not been successful. Seems I need digital permission from the YouTube channel (Ron) before I can upload it.

At any rate, I've got the two video clips saved on an old SD memory card that will be handed over to Webmaster Ron next time we cross paths. Then, Ron will be able to upload the video to the RRCC YouTube channel.

These videos show that if it were possible for one to get a ride in one of our RC models, it would not be a very pleasant ride! Starting off with my Spektrum AR8360T receiver recording maximum "G" forces on a simple loop running around 6 G's.

There are a number of our RRCC members that are flying those small foamie model airplanes. They can be a lot of fun, and are low enough in cost that a crash won't destroy your credit card

credit rating. In fact at the recent Sky Ranch fun fly, there was a mid-air between two of those foamies. One of them kept flying, the second one, went in.

The pilot of the second model showed the damage to his model, just a few dents in the leading edge of its wing.

Speaking of those smaller models, the usual practice is to charge up a few 3S 2200 Mah LiPo battery packs to allow flying for the day.

Your editor has been field charging his RC models that are equipped with the A123 battery packs for decades.

I started off with using a single 12 Volt 120 Ampere Hour lead acid deep cycle marine battery as the power source for the model battery charger. And, found out that this didn't work well.

I wound up destroying three deep cycle lead acid batteries in two flying seasons. Lead acid batteries simply can not handle repeated discharge cycles down to nearly discharged.

Now days, a check on Amazon shows that larger LifeP04 12 Volt, 50 Amp Hour batteries are available for between \$100 and \$200. Amazon also has dedicated chargers for these battery packs.

These batteries are often used for boat trolling motors and similar types of functions. Nice thing about these LifeP04 batteries, they have far superior capacity for the number of cycles before they start to loose capacity. Typically, that number is several thousand cycles!

So, just how many field charges can you get while charging a typical 3S 2200 Mah LiPo battery pack?

Well, you need a calculator. These battery packs work with Amperes, Ampere Hours, Volts, Watts, Watt Hours.

What we need is the Watt Hours on both the LifeP04 and the models LiPo battery pack. The Watt Hours of the LifeP04 is a simple multiplication of the battery voltage and the Ampere Hour capacity.

So, the LifeP04 has 12 Volts multiplied by 50 Amp Hours or 600 Watt Hours. The typical LiPo electric battery has 3S and 2200 MilliAmp Hours.

The 3S LiPo has 3 times 4.2 Volts per cell, or 12.6 Volts. And that 2200 MilliAmpere Hours is 2.2 Amp Hours. We get 12.6 times 2.2 or 27.72 Watt Hours on that 3S LiPo.

The number of flights on that 50 Amp Hour battery would be 600 Watt Hours divided by 27.72 Watt Hours, or 21 flights. Since nothing is 100% efficient, multiply that 21 flights times 80% or 17 flights.

And, if we only use 70% of the LifeP04 600 Watt Hours to take it easy on that battery pack, we still can a dozen flights out of that 50 Amp Hour battery while charging a 3S 2200 Mah LiPo battery pack.

If we run the numbers on a 6S 5000 Mah LiPo model battery, the same 50 Amp Hour battery will provide about 3 flights between re-charging the 50 Amp Hour battery pack.

Do note that it is very bad to leave a full charge on any of these LiPo battery packs for more than a day or so. Doing so causes permanent damage to the high current capacity of these LiPo battery packs.

More on the features of our battery packs.

As previously mentioned, we have **Amperes, Ampere Hours, Volts, Watts, Watt Hours.**

For definitions:

Amperes is the rate of flow of electricity, kind of like gallons per hour in a water hose.

Ampere Hours is the accumulated flow of electricity for a given amount of time, usually one hour. So, a current flow of 47 Amperes for one hour is 47 Amp Hours. And, a current flow of 47 Amps for 6 minutes is 4.7 Amp Hours.

Volts is the simple measurement of the voltage of a battery pack at its terminal posts.

Watts is the product of the voltage multiplied by the current. So if you have a cur-

rent of 47 Amperes, and a voltage of 12.1 Volts DC, that is 47 times 12.1 or 568.7 Watts. (Divide that 568 by 746, and you get 3/4 Horsepower)

And

Watt Hours is the product of the Watts multiplied by the length of time in hours.

As an example, my electric Escapade pulls around 90 Amperes at 31 Volts or about 2800 Watts. That is 3 3/4 Horsepower on the motors prop shaft. It turns a 19X12 APC-E prop at 6950 RPM.

FYI, that 3 3/4 Horsepower is about 15% more horsepower than the amount of power generated by the typical 30 cc gas-ser engine.

DennyV

RRCC Newsletter Editor

JIM'S CORNER

Well, we wanted things to warm up a bit for a real summer, but I think "Mother Nature" over did it a bit this week. Can't do much about it, so make the best of the situation.

At our last meeting, the membership voted to move the club picnic from July 5th to the following **Sunday, July 12th**. As usual the drinks, meat, and buns are provided by the club. All those attending are asked to bring something to pass. Typically eating starts 11:30 AM – Noon. Please note that in July we do not have a regular business meeting, but hold the picnic instead.

At this point, the flying field has green grass and is well cut. We had several issues with the mower, but Eric immediately fixed them and all equipment is up and running. Sure would like to see more people out enjoying the field.

It's never too early to start thinking about the upcoming fall officer's election. If you have any interest in running for any of the club officer positions, make some inquiries about what they do and if it fits your interest.

I have been the club president for the past 20 years, and it's time to step down, so the President's position will be an open slate.

As mentioned above, get out to the field and get some flying in. The summer season will be gone before you know it. See you at the picnic on Sunday, July 12th.

Fly Safe & Have Fun
Jim Litwin
President

Compost Duty Roster 2026

5/20/2026	Noon - 2 PM	Terry Peterson
	2 PM - 4 PM	Dennis Vollrath
	4 PM - 6 PM	Dennis Vollrath
5/27/2026	Noon - 2 PM	Jerry Rose
	2 PM - 4 PM	Jerry Rose
	4 PM - 6 PM	Dennis Vollrath
6/3/2026	Noon - 2 PM	Steve Knackert
	2 PM - 4 PM	Terry Peterson
	4 PM - 6 PM	Peter Gehrig
6/10/2026	Noon - 2 PM	Terry Peterson
	2 PM - 4 PM	Steve Knackert
	4 PM - 6 PM	Justin Francisco
6/17/2026	Noon - 2 PM	John Bolt
	2 PM - 4 PM	Steve Knackert
	4 PM - 6 PM	Justin Francisco
6/24/2026	Noon - 2 PM	John Bolt
	2 PM - 4 PM	Jason Fisher/SteveK
	4 PM - 6 PM	Jim Litwin
7/1/2026	Noon - 2 PM	John Bolt
	2 PM - 4 PM	Jason Fisher/SteveK
	4 PM - 6 PM	Jim Litwin
7/8/2026	Noon - 2 PM	Jason Gamble
	2 PM - 4 PM	Jason Fisher/SteveK
	4 PM - 6 PM	Jim Litwin
7/15/2026	Noon - 2 PM	Jason Gamble
	2 PM - 4 PM	Ray Fisher
	4 PM - 6 PM	Ray Fisher
7/22/2002	Noon - 2 PM	Joe Spaulding
	2 PM - 4 PM	Joe Spaulding
	4 PM - 6 PM	Joe Spaulding

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)