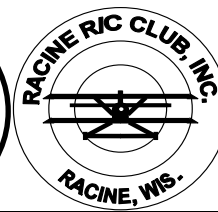




# THE FLIGHTLINE



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

**RRCC October Issue**  
**October 20, 2024 Newsletter**

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

**Club Officers**

**President**

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**Tractor Chairman**

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**Newsletter Editor**

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**.Racine R/C Club Meeting Minutes**

September 15th, 2024

Time: 1:00 PM

Location: R/C Flying Field

**Open Meeting** - Jim opened the meeting at 1:00PM. 15 members in attendance.

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

**Minutes - Last Meeting** – There were no changes to the published minutes.

**Reports**

**President-** Jim Litwin thanked Ray Fisher for killing the weeds around the clubhouse. An older man visited the field and told a few members he grew up on a farm that was located on the same land our flying field occupies today.

**Vice President-** Roger Nickolaus has nothing to report this month.

**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	35
Open Members	11
Junior Members	3
Total	<u>49</u>

**Newsletter Editor** - Dennis Vollrath was not present for this months meeting. (Visiting family in Mn.)

**Field Chairman** - Trygve Smalley was not present this month. Unfortunately, there is a lot going on in his family with his mother's health and the passing of his sister-in-law. Our thoughts are with you Trygve.

**Tractor Chairman** - Eric Armantrout was not present but reported to Jim that all equipment is running. Jerry Rose located new mowers blades after a long search and purchased them as they are very hard to get. Eric will be welding parts on the mower deck soon.

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

**Safety Officer**-Darrell Hossalla had nothing to report.

**Compost Director**- Chuck Roberts was not present. Jerry Rose is stepping in for Chuck with calling members to remind them of their compost duty during Chuck's illness.

**Old Business**- Nothing to discuss.

**New Business** – Jim reminded members that all rule changes and By Law changes need to be turned in by October 1<sup>st</sup>. Rule changes need to be emailed to

the Secretary/Treasurer by October 1st. Rule changes will be published in the Newsletter and voted on at the November meeting.

Election of officers for 2025 will take place at the November meeting.

Shelter walls can be put up after October 1<sup>st</sup>. First Saturday in October is October 5<sup>th</sup>. Membership suggested to move the date to October 12<sup>th</sup>.

Wood splitting will also hopefully take place in October. Date to be announced.

**New Pilots** – None.

**Show & Tell**- None

**Raffle Drawing** – Bob Johnson won the club raffle. \$17.00 total was taken in. All \$17.00 was donated back to the club.

**Close Meeting** – Jim closed the meeting with a reminder our Open House is scheduled for Sunday October 20<sup>th</sup>.

### **JIM'S CORNER**

Fall is in the air. Sweatshirts and light jackets are appearing more, and the sun is setting earlier. As I write this article, we are a week away from putting up the shelter sides, and a wood splitting party the following week. Get out and enjoy these days while there is still time.

Elsewhere in this newsletter are published two proposed Field Rule changes, and one By-Law change, for 2025. All the proposed changes were submitted by the October 1<sup>st</sup> deadline, and were reviewed by the Rules Committee prior to publication in this and the November Newsletters.

As required by our By-Laws, these changes are to be published in two months Newsletters, and then voted upon at the November club meeting.

Please review the proposed changes so you understand what is being proposed and you are prepared to vote in November.

Also at the November meeting we will be voting for the 2025 club officers. These are the individuals that oversee the various aspects of the club.

If you are interested in running for any of these positions, please let us know so we can get that information into the newsletter. Nominations can also be made prior to voting at the November meeting.

As I mentioned above, get out and get some flying in. The flying season is getting short, very fast, and soon daylight saving time will end making the day even shorter.

Our next meeting is on Sunday, October 20<sup>th</sup>, at 1 PM at the field.

Fly Safe & Have Fun

Jim Litwin

President

PROPOSED FIELD RULES CHANGES FOR 2025

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**CURRENT FIELD RULE**

6. No taxiing to, or from, your pit area directly behind any pilot. All taxiing, except in the landing field area, to be done away from people. See diagram at the end of the field rules for designated areas.

**CHANGES MADE TO FIELD RULE**

6. ~~No taxiing to, or from, your pit area directly behind any pilot.~~ *No taxiing in the pit area behind the flight line.* All taxiing, except in the landing field area, to be done away from people. *When taxiing back to the flight line, do not taxi towards the flight line open areas, but rather towards the safety fence, and then turn parallel to the fence, and shut motor off.*

*Giant scale planes may taxi from their south pit area towards the south taxi way only.*

*Giant scale planes returning via the south taxi way to stop, and shut off motor at stop sign. See ~~diagram at the end of the field rules for designated areas.~~*

**NEW RULE**

6. No taxiing in the pit area behind the flight line. All taxiing, except in the landing field area, to be done away from people. When taxiing back to the flight line, do not taxi towards the flight line open areas, but rather towards the safety fence, and then turn parallel to the fence, and shut motor off.

*Giant scale planes may taxi from their south pit area towards the south taxi way only.*

*Giant scale planes returning via the south taxi way to stop, and shut off motor at stop sign.*

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**CURRENT RULE**

8. Restricted flying:

There shall be no flying while flying field grass is being cut or fieldwork is being done.

There shall be NO intentional flying over the pit area, parking lot, or railroad tracks, or south beyond flying field wind socks.

There shall be NO flying when the compost site is open for residents.

When ONLY Village workers are in the compost site, limit flying so as to not fly directly over the Village workers.

When the orange safety flag is displayed on the west wind sock pole, Drone Company (MENET AERO) may be testing drones by flying them. Do NOT fly near trees located northwest of flying field / compost site.

See Diagram below for guidance

**CHANGES MADE TO FIELD RULE**

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**PROPOSED BY-LAW CHANGES FOR 2025**

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**CURRENT BY-LAW**

None specified

**CHANGES MADE TO BY-LAW**

None specified

**NEW BY-LAW**

A paper ballot shall be used to vote for the removal of an active member.

**NOTE:** The Rules Committee met & discussed all proposals. They felt that with regards to this proposal, the membership should be made aware of a current By-Law dealing with this topic. Specifically, Section 1.05, #3, last line, highlighted for ease in finding.

**SECTION 1.05 EXPULSION AND SUSPENSION**

1. For Non-payment of Dues, Penalties or Assessment: A member shall automatically be expelled without any necessary action of the members of Board of Directors for failure to pay all dues penalties, or assessments, or performing required Compost duty.
2. Hardship Considerations: Financial problems would be reviewed individually by Club Officers upon request.
3. Expulsion or Suspension of Good Standing for Rules Violation: A member may be expelled or his/her standing revoked for a period of time for violating any of the club rules or regulations. The Secretary shall give written notice to a member of his/her proposed expulsion or suspension of good standing. The proposed expulsion or suspension shall be presented by the Secretary to the members at a regular or special meeting called for the purpose. Expulsion or suspension for a period of time for rules violation shall be only by affirmative vote of two-thirds of the members present at such meeting. Voting shall be done by a paper ballot.

Those individuals who did not perform or cover in some way their “Compost Duty” obligation shall pay a \$40 penalty assessment in addition to their yearly dues at the time of their membership renewal for the New Year, in addition to the provisions of By-Law provisions “Reinstatement” 1.06(1).

Dennys Stuff

Not much going on around the newsletter editors desk lately. Been busy with a lot of things not involved with our RC hobby.

Your editors Creality K1 3D printer has really been busy as of late. I've had this unit now since January, 2024. And, I've added an hour meter to the unit. Right now, this printer has 529 hours, 46 minutes, 38 seconds on it.

Currently, it's printing a pair of LiFe battery cases for Hoss. The existing case had to be beefed up a bit since it cracked during a really bad landing of Hoss's airplane when the engine quit immediately after take off. (Something about a fuel issue inside the fuel tank!)

Speaking of Hoss, your editor worked on repairing circuit boards down to component level at the place where I worked for 44 years. That job involved training schools both in house and in the field. Also trouble shooting electric power substations in the USA and

round the world.

I ran into all sorts of bad designs in our product, along with other supplier's products. More than a few resulted in factory recalls where the equipment was returned to the factory. Or, yours truly wound up on an airplane to who knows where to identify and solve the problem(s).

But, a recent job for Hoss involved something I'd never seen before in my 44 years of fixing electronic stuff.

Hoss has a Jet that he is equipping with high powered LED lights for running and landing gear illumination.

And, he was having problems with brand new LED's not lighting up on his jet airplane.

I took a look at these LED's and tried to repair them. And, ran into immediate problems with trying to fix the problems.

Repeatedly, there was no connection between the LED lights and the lead

wires. The units were examined to determine source of the problem with my computer microscope. What was found was someone who really screwed up on the circuit board layout, and tried to save a batch of circuit boards.

It's hard to see on the attached photo, but my microscope shows the repair I did on the circuit board.

FYI, a normal circuit board has copper foil on both sides of the fiberglass base. And, a small feed through piece of copper is used to connect the bottom foil to the top foil on a common circuit board.

The photo on the right shows what the SOB who built the board did. He forgot to put copper foil on the top side of the circuit board! That left only the tiny feed through hole about 6 times the diameter of a human hair sticking out on the top side of the PCB.

So, the SOB idiot filled in the whole area with a big blob of solder to make it work.

Just flexing that circuit board a tiny bit results in busting that solder joint.

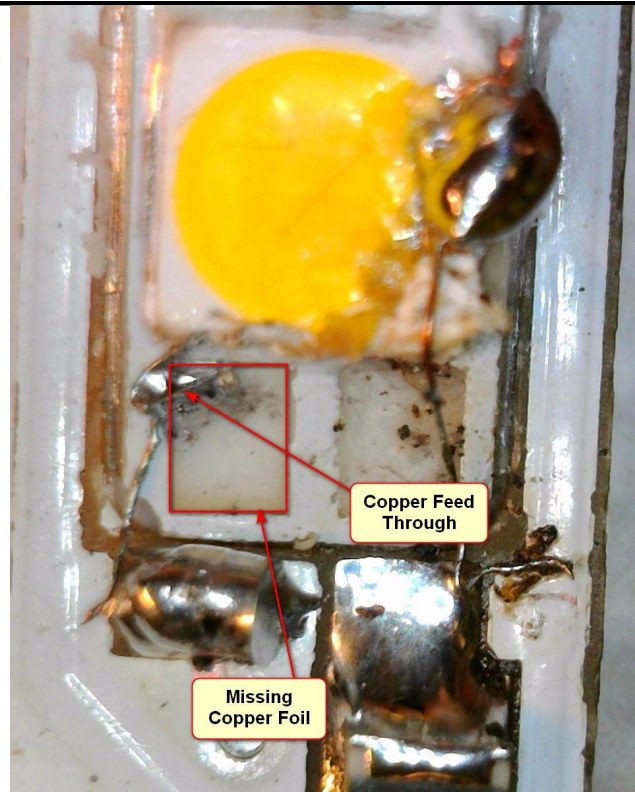
I used my AC powered solder sucker to remove all of the solder, and soldered in a tiny wire to bridge over the connection.

It worked, but what a pain in the \*\*\*.

As for your newsletters editor's tools, I've got an AC powered solder sucker that sucks solder out of any thing that's been soldered, making disassembly of electronic stuff much easier.

And, also have a vast collection of soldering irons that have accumulated over the past decades.

The evolution of these soldering devices



has improved a lot over the past years. Now, temperature controlled soldering irons are readily available. (At a price anyhow)

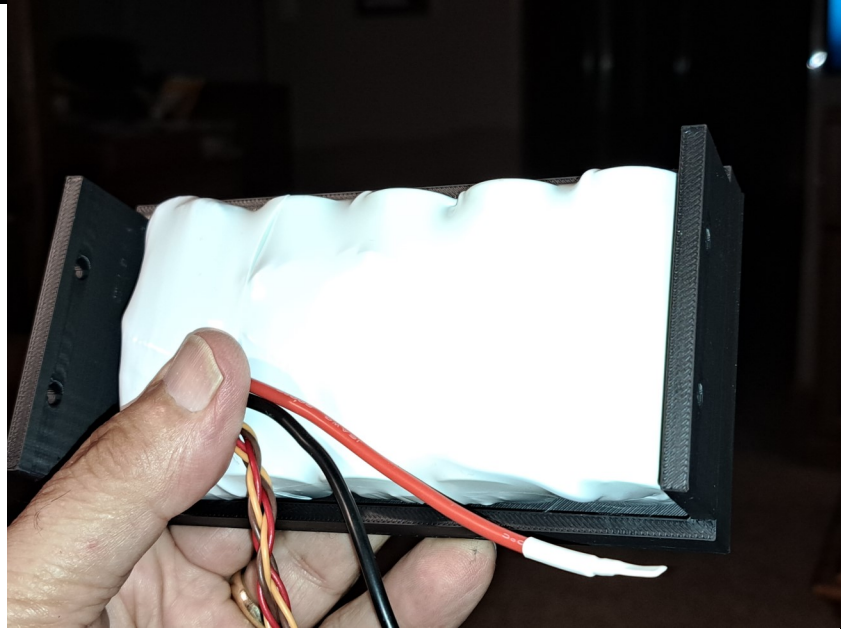
The only smaller soldering iron I currently use is a Hakko FX600-05/P temperature controlled soldering iron with a 74 Watt heating element. This iron will heat up enough to melt solder in under a minute. A similar sized iron with no thermostat runs about 25 Watts.

These irons take a long time to heat up. I've measured tip temperatures over 1000 degrees F on these el-cheapo irons. That burns up their tips.



The Hakko iron allows the user to set the temperature of the iron tip to anywhere you'd like. And, since the tips do not over-heat, they do not burn up, so they will last a long long time.

A variety of tips are available for this iron, from the needle point tip used on Hoss's LED's to an 1/8 inch diameter tip for heavier stuff.



As for other 3D printing stuff, take a look at one of two battery holders I've built up for those engine starters in our RRCC club. This bolts on directly to the bottom of one of the commercial

starters our member use.

And, last but not least, a quick photo of Jason's giant scale RC model.



### **Some useful internet information:**

There is what may be a very useful source of information on the internet, it's a database of 2900 servo specs that have been made over the years.

Here is that website:

<https://servodatabase.com/servos/all>

(Copy this link into your internet web address.)

Also note, I've attached a PDF file of the latest and greatest manual for the Spektrum nX10 transmitter.

DennyV  
RRCC Newsletter Editor





# COMPOST DUTY ROSTER

10/02/24	12-2	Jim Litwin	Gary Anderson	
10/02/24	2-4	Jim Litwin	Jim Houtsinger	
10/02/24	4-6	Jim Litwin	Roman Kirykwiez	
10/09/24	12-2	Rich Stapeton		
10/09/24	2-4	Rich Stapeton	Jim Houtsinger	Paul Willems
10/09/24	4-6	Rich Stapeton	Chuck Bazezickr	
10/16/24	12-2	Bill Fannery		
10/16/24	2-4	Mike Stein	Carl Bergquist	Jerry Rose
10/16/24	4-6	Eric Armantrout	Roman Kirykwiez	
10/23/24	12-2	Bill Fannery	Gary Anderson	
10/23/24	2-4	Bill Fannery	Gary Anderson	
10/23/24	4-6	Carl Bergquist		
10/30/24	12-2	Buzz Paricka	Ron Hayes	Dallel Hossalla
10/30/24	2-4	Ron Hayes		
10/30/24	4-6	Ron Hayes		
11/06/24	12-2	Mike Stein		Jim Litwin
11/06/24	2-4	Mike Stein		Jim Litwin
11/06/24	4-6	Eric Armantrout		
11/13/24	12-2	Jim Strelitzer		
11/13/24	2-4	Carl Bergquist		
11/13/24	4-6	Jim Strelitzer		
11/20/24	12-2	Buzz Parika	Chuck Bazezickr	
11/20/24	2-4	Buzz Parika	Chuck Bazezickr	
11/20/24	4-6	Jim Strelitzer		