



THE FLIGHTLINE



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

RRCC September Issue
RRCC Picnic September 20, 2020

WE ARE ON THE WEB
www.racinerclub.com

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Racine R/C Club Meeting Minutes

Sunday: August 16, 2020

Time: 1:00 PM

Location: R/C Flying Field

Open Meeting - Welcome - New Members & Guests – Manny Gonzales joined the meeting as a potential new member.

Minutes - Last Meeting – Minutes were accepted as written.

President – Jim opened the meeting with an update on the possible closure of the entrance road for completion of water main work being done. He indicated that no date has been designated and it is quite possible that the connection was already completed last year when line running to Foxconn was installed.

Jim went on to comment that the village has a padlock on the second gate going into the compost site. The lock is keyed the same as the main gate. A copy of this key is attached to the compost site key rings. Key is green in color. When doing compost duty the second gate will have to be opened if not already done so by the village employees.

Election for officers will take place at the November meeting. At this time we know that the Sec/Tres position will be open. If you are interested in this position or any other position, please talk with a club officer.

Vice President – Roger was not in attendance.

Secretary / Treasurer – The club membership was reported as following. Regular 18, Senior 37, Junior 4, and non-flyer 3 Total 62. I also reported that the last recurring major expense for year had been paid (Field Equipment Insurance).

Safety Officer – Nothing to report

Field Chairman – Hoss took a moment to thank those who have been doing the twice weekly mowing. With the taller grass the field has also had to be gone over with the sweeper. For those mowing please advise Hoss if sweeping is required.

Newsletter Editor - Denny had nothing to report.

Tractor Chairman – Eric indicated that recent starting issues with the tractor and generator may be due to flooding. To remedy this he advised that the gas supply be closed upon completion of use.

Compost Director – Jerry reminded everyone that the brush area is located on the west side of the site not behind as previously positioned. He also mentioned that acceptable log diameter is 6 to 8 inches. Please wear the vests to be visible.

Web Master- Justin had nothing to report.

Old Business Jim reminded everyone that the Invitational Fun Fly/ Open House will be held the following Sunday August 23rd. Email msg were sent out to area clubs.

New Business – The question of whether the club should hold its annual picnic was opened for discussion. Suggestions were made to have club supply meats (brats, burgers and hot dogs) with a designated server with mask. Condiments would also be supplied.

Hoss suggested that the club also supply a few catered sides in addition to each families self supplied sides. Members and families are encouraged to maintain social distancing. This outline was proposed, seconded and passed by voice vote. As such there will be no September meeting.

Jim then raised the question of what position the club wanted to take in the Milwaukee Area RC Association annual Swap/Auction in January.

At question was whether this event should be held or canceled. If canceled the Association would lose its deposit, but it could be applied to the 2022 event if it were held.

It was proposed and seconded that the event be held with a face mask requirement and appropriate social distancing. Carried by a voice vote. (Note: This info forwarded to Milw. RC Assn.)

New Pilots – None

Show & Tell – Denny made a presentation on the value of 4 pole locking toggle RX switches as opposed to the poorly built slider switches that some members are currently using. These slider switches have a high potential of failure and hence loss of an airplane.

Raffle Drawing – No raffle

Jim indicated before closing the meeting reminded everyone that there will not be a September meeting.

At this meeting the topic of Club Rules and By-law proposed changes procedures would have been discussed. For those wanting to submit changes they must be submitted to Sec/Tres by October 1st. No exceptions.

They must be written exactly as you want to want it voted on. There will be NO editing by Sec/Tres or any other officer before publication in the Newsletter prior to the November meeting where they will be considered.

Meeting closed at 1:40PM

JIM'S CORNER

It may not be Fall yet, but it looks like the weather is starting to change. As I write this article we are having a week of rain, and there were a lot of sweatshirts and light jackets at the flying field this past weekend.

The flying field is in great shape so get out and get some flying in!

There will be no September club meeting, but rather the club voted to have a club picnic instead. It is being held:

Sunday, September 20, 2020 at the Flying Field. Eating will start at Noon

ALL Food and drink will be supplied by the club & served by members wearing masks gloves.

Consider bringing bag chairs if you want to spread out more for social distancing.

At the November club meeting we will be voting on a number of things. The first will be voting on any proposed changes to the club "By-Laws" and "Field Rules". All proposed changes must be submitted in writing as you want them to appear, and must be submitted to the club Secretary, Ed Witt, by Thursday, October 1st.

They will then be published in the October

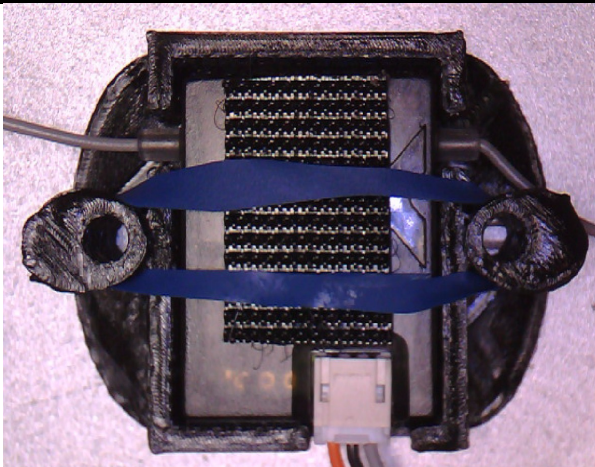
& November Newsletters prior to the vote. Club By-Laws also require the club officers to meet between October 1st and the October publication date to also discuss any potential changes.

At the November meeting we will also be voting for 2021 club officers. Nominations can be made at the November club meeting, or a request for consideration can be made prior to that meeting by contacting myself or another officer so that information can be added to the upcoming newsletters.

Our resident electrical expert has been encountering more questionable slide switches used to power on / off our airplane receiver systems. Dennis will have more on this in this newsletter, but I encourage you all to take this information to heart and consider a winter project of updating your planes electrical systems.

I want to give a special thank you to Trygve Smalley for the extra efforts he has done to keep our field in great shape. He has been doing a LOT of trimming and weed killer spraying that most of you are unaware of, but the field looks it. We are in great shape!

Fly Safe & Have Fun
Jim Litwin
President



DennyV's 3D printed mounting for those Spektrum remote receivers. Here is the 3D printer that I have: **PowerSpec WanHao Duplicator I3 PLUS 3D Printer**. This 3D printer is available at MicroCenter in Chicago for \$270 as store only. Amazon has it for \$370

There is a LOT of information in YouTube on this printer and many others. One very good free cad program for this printer is www.tinkercad.com.

Denny's Stuff

The following information is a follow up on the posting by your RRCC editor last month in the RRCC newsletter.

After last month, Bill, our club member picked up two of your editors locking type four pole switches. Next, he pulled the old slide switches out of his new 30 cc gasser, and installed a those two locking type switches into his model airplane.

Naturally, I was curious about these two switches, and asked Bill for his old slide switches. Next, they were checked out on my SwitchIR meter. The readings on those two switches were so high, I checked them out on another one of my SwitchIR meters.

Both slide switches were complete crap. **One slide switch showed 670 Milli-Ohms, the other ranged from 1500 Milliohms to OPEN CIRCUIT ON THE SWITCHED RED WIRE!** The normal readings of a quality switch is in the area of 50 Milli Ohms.

That open circuit showed up in the slide switch "On" position, while just slightly pressing on the slider of the switch.

Some quick calculations here. The voltage drop across a resistor equals the current multiplied by the resistor value in Ohms.

That 1500 Milliohms equals 1.5 Ohms. I have measured nominal servo currents in our RC models measuring several Amps with peak currents several times that value. Since Volts equals Amps times Resistance, you have 2 Amps times 1.5 Ohms, or 3 Volts.

Now, we have a model with a two cell A123 battery with 6.6 Volts DC output.

Subtract that three volt drop in the receiver switch, and your receiver and its servos is only getting 3.6 Volts DC. The Spektrum receivers drop out at 3.2 Volts DC.

If your servos pull 4 Amps peak current, your model is in serious trouble.

Bill is very lucky that he didn't lose his model.

I have personally opened up six of these switches and have found identical wiring in all of them. If any of our club members have this type switch(s) in their models, it is very highly recommended that they pull the cover off of the back of them to verify that they are wired with all four poles. At the very least, have them checked out by my SwitchIR meter that will show if there is a problem.

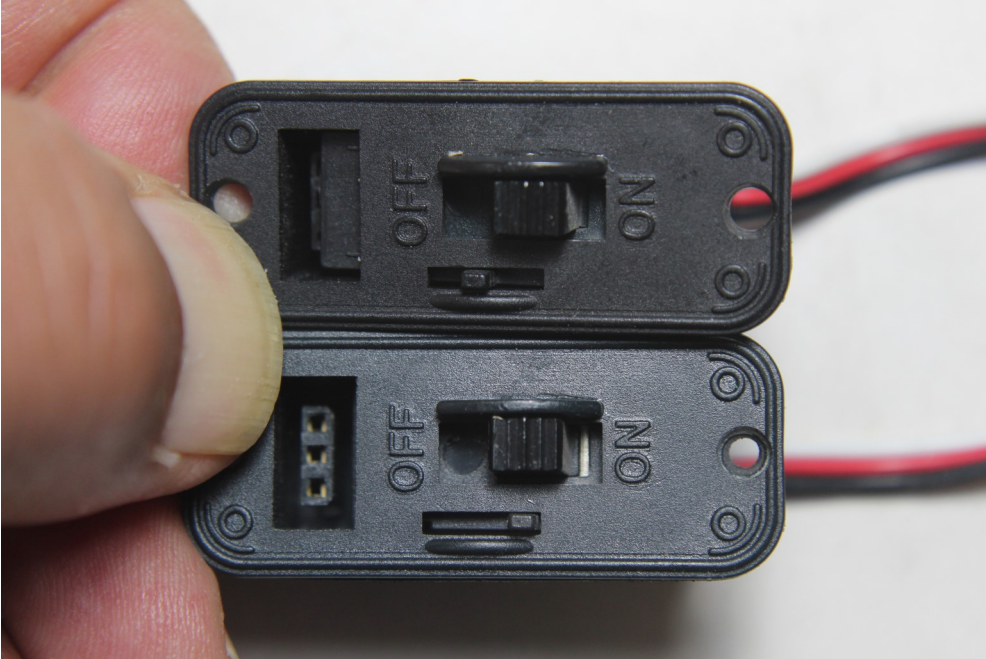
Or better yet, get rid of them and install these completely sealed locking type switches that both DennyV and Roger N have built up.

As previously mentioned, these slide switches are NOT sealed against dust, gas or other contaminating material. Even a small spec of dust will affect them. Dust or crap can get into them after several years of use.

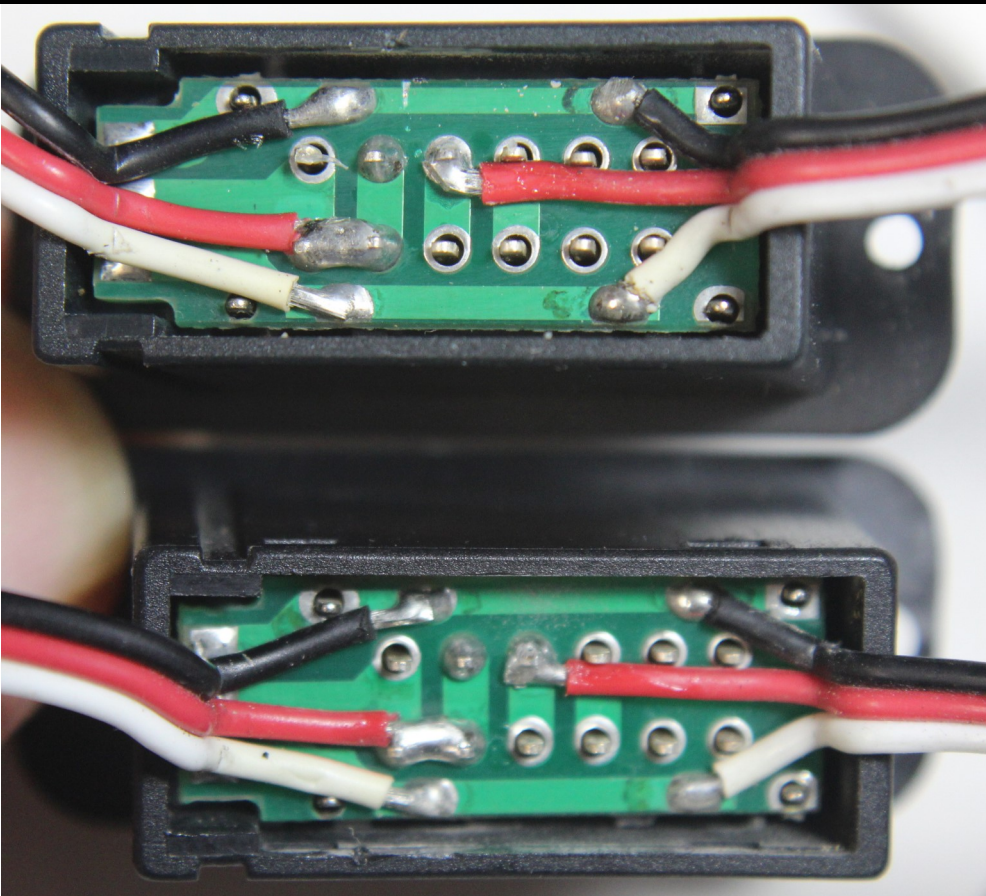
The following pages shows what these switches look like, and what to look for.

Roger N, Hoss, Ray F and I have traveled to Lake Beula near Twin Lakes to fly their models equipped with floats off of that lake.

I sold that giant model to Ray last year because of its poor handling in the air with rudder and ailerons. But, that is a beautiful looking model in the air!



The photo below shows that two poles are not hooked up. And, the third pole located adjacent to the right hand red wire isn't even soldered.



BAD SWITCHES!!!

Jim's model newly equipped with a \$\$\$\$ brand new twin cylinder gasser engine.



Ray with DennyV's old giant scale model, now equipped with floats.





Taxiing past the dock to the take off position.





This was a beautiful day at Lake Beulah. A number of flights were made with all three models. Thanks Hoss for the ride out to the lake.



Milwaukee Association of R/C Clubs 2020 Event Schedule

Please note that many of these events have been canceled!

Sun Sept 13 RC Club at Watertown Airport	Open house, breakfast, flying
Sat Sep 19-20 Flying Electrons	Pattern Contest
Sat Sep 26 RAMS and	Joint Club-Only Picnic
Sat Sep 26-27 All clubs are invited to participate	Maker Faire
Sat Oct 10 Model Engine Collectors' Assn)	Collector and Hobby Swap Meet

COMPOST ROSTER 2020

Date	Time	Worker	Date	Time	Worker
09/09/20	12-2	Darrel (Hoss) Hossalla	10/21/20	12-2	Roger Nickolaus
09/09/20	12-2	Edward Witt	10/21/20	2-4	Roger Nickolaus
09/09/20	2-4	Darrel (Hoss) Hossalla	10/21/20	4-6	James Martinich
09/09/20	2-4	Edward Witt	10/28/20	12-2	Dennis Krzyzanek
09/09/20	4-6	Ron Dixon	10/28/20	12-2	Paul Willems
09/09/20	4-6	Eric Armantrout	10/28/20	12-2	Ron Burden
09/16/20	12-2	Craig Manka	10/28/20	2-4	Dennis Krzyzanek
09/16/20	2-4	Craig Manka	10/28/20	2-4	Paul Willems
09/16/20	4-6	Eric Armantrout	10/28/20	2-4	Ron Burden
09/16/20	4-6	Ron Dixon	10/28/20	4-6	James Martinich
09/23/20	12-2	Stephen Knackert	11/04/20	12-2	Douglas Karge
09/23/20	2-4	Rich Smentek	11/04/20	2-4	Douglas Karge
09/23/20	4-6	Donald Parkinson	11/04/20	4-6	Peter Redel
09/30/20	12-2	Bill Flannery	11/11/20	12-2	Thomas Dremel
09/30/20	2-4	Bill Flannery	11/11/20	2-4	Thomas Dremel
09/30/20	4-6	Bill Flannery	11/11/20	4-6	Peter Redel
10/07/20	12-2	Bob Lupia	11/25/20	12-2	James Strelitzer
10/07/20	12-2	Ronald Schroeder	11/25/20	2-4	James Strelitzer
10/07/20	2-4	Bob Lupia	11/25/20	4-6	James Strelitzer
10/07/20	4-6	Donald Parkinson	12/02/20	12-2	Steven Navone
10/14/20	12-2	Larry Petricek	12/02/20	2-4	Steven Navone
10/14/20	2-4	Larry Petricek	12/02/20	4-6	Steven Navone
10/14/20	4-6	Larry Petricek			