



THE FLIGHTLINE



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

RRCC August Issue
NEXT MEETING August 16, 2020

WE ARE ON THE WEB
www.racinerclub.com

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Racine R/C Club Meeting Minutes

Sunday:

Time: 1:00 PM

Location: R/C Flying Field

Open Meeting - Welcome - New Members & Guests –

Minutes - Last Meeting –Reports

President – Jim opened the meeting by reminding everyone that the road to the field and compost site will be closed over a two day period so that the final connection can be made to major water line going in. An email will be sent to inform as to exact dates.

Time to start thinking about the transition of club officers for next year. At this time there will be one definite opening of the Sec/Treasurer position. Jim indicated the Village has cancelled the Mt. Pleasant Days event due to Covid concerns.

And finally Jim did spend some of our money on new fire extinguishers and new jumper cables for the tractor.

Vice President – Roger had nothing to report

Secretary / Treasurer – The club membership was reported as following. Regular 18, Senior 37, Junior 4, and non-flyer 3 Total 62

Safety Officer – Dan reminded everyone to just be safe.

Field Chairman – Hoss thanked Jim, Rich and Tryge for mowing and keeping the field trimmed. In addition, Tryge has been spraying weeds around field and you can see that it is working. Jerry Rose

has also been busy cutting tree limbs and brush on south side to clean up area adjacent to large plane area. This has been a wet summer and thus the field has required to be mowed twice weekly.

Thank you to those who have volunteered. We do need some additional fliers to help out.

Newsletter Editor - Denny was on a vacation trip to Minnesota.

Tractor Chairman – Eric had nothing to report, but Jim volunteered that there has been an issue with the tractor starting and quickly stopping again. New jumper cables were purchased to assist in starting the tractor.

Jim also indicated that the blades were changed on the mower as it was very noticeable that the mower was struggling with the taller and thicker grass.

Compost Director – Jerry reminded everyone with the warmer (hot) temperatures and humidity to stay hydrated and out of the sun as much as possible. Again wear the yellow safety vests so that you are visible.

Web Master- Had nothing to report.

Old Business-

Jim opened the discussion on Club picnic and Open House carried over from last month. He suggested that each event be treated separately.

New Business- Discussion was opened on the Club Picnic first. Comments were made both pro and con to holding the event. Concerns were expressed as to how to safely hold the event and maintain social distancing with buffet style food presentation.

Suggestions were made to have club supply barbecued meats and each family then supply their own sides.

After this discussion a motion was made to again table the topic until next month for a possible picnic in September. The motion was seconded and passed with a voice vote.

Discussion was then opened on the Open House event. Hoss conveyed how some of our sister clubs are holding their events.

In brief they are for going open events and going to events by invitation only and not open to general public. In this way they can still share their “club experience” and minimize risks of Covid spread.

It was suggested that the club adopt this type of format with no food. Proposed date would be August 23rd.

Show and Tell- Hoss had on display his new “G-Shark”, an 80’s type model with excellent flying characteristics. Plane was nicely finished in a bright canary yellow.

Ray had for show his Kitty Wake fitted with a single pontoon for flying off the water. Sure hope he figures out the propeller clearance.

Raffle Drawing – Jerry Rose was the winner of the monthly raffle. He kindly donated his winnings back to the club.

Close Meeting – Jim closed the meeting with a reminder that the next meeting is to be held on Sunday August 16th.

JIM'S CORNER

We have had some pretty nice flying weather lately, but it's not going to last, so get out and get some flights in!

We have a club meeting coming up on Sunday, August 16th, where we will discuss what we need to be doing for the "Invitational Fly-In" the following Sunday, August 23rd that the membership voted to have.

It's early, but in 3 months we will be voting for club officers. At this time we know the Sec/Tres position will be open. As for the other officer positions, no one else has indicated anything either way.

If you would like to be considered for an officer's position, talk to a club officer and let them know your intention so you

can get some more information about the duties of that position. Nominations can also be made at the time of the election process.

We seem to be having a pretty nice summer flying season, in spite of the COVID issues. A number of our past members have not been out to the field this summer, and I hope it's due to people taking extra precautions, and not because they are sick. We haven't heard of any members having problems.

We will be looking to see you at the field on Sunday, August 16th at 1 PM for the meeting, and continue practicing your "social distancing" and good hygiene habits.

Fly Safe & Have Fun

Jim Litwin President

Dennys Stuff

CAUTION CAUTION CAUTION

As many of our RC club members are aware, Hoss has lost three RC models in the past weeks due to total loss of control of the radio system. The cause of failures continues on the next pages.

With the Spektrum DX9 transmitter being the common denominator, Hoss sent in his DX9 transmitter to Horizon Hobbies for factory tests.

Horizon responded with a detailed explanation indicating that the MBA board was defective, and was replaced.

My guess is that MBA stands for "Master Board Assembly" or something similar. My further inquiries to Horizon found that the MBA board suffered failure of the Trainer Port input on the MBA board.

That Trainer Port input on the MBA board is a separate function from controlling the model airplane. As a result, the

Trainer Port input circuitry did not cause the loss of Hoss's model airplanes.

So what caused the Trainer Port circuitry failure? I found out by direct communication of one of the Spektrum Software Engineers that there is a compatibility problem between the Spektrum DX9 transmitter, and the very old Spektrum DX7 transmitters that were built over 10 years ago.

Connecting that old DX7 to the DX9 will cause failure of the DX9 trainer port input circuitry when using the training function of these two transmitters.

Horizon Hobbies indicated that the DX7 should be linked to the DX9 by wireless means.

DO NOT USE THE TRAINING CORD FOR THE DX7 AND DX9.

And yes, Horizon Hobbies repaired and completely retested Hoss's DX9 at no charge.

Dennys Stuff

Well, the past month has been busy for your editor and his girlfriend Ona May. A trip to Minnesota to see family on both sides, and a lot more. (I've not seen my older sister since 2009. She's 88 years old now)

On to the business at hand. Seems that SwitchIR meter I've built up and sold to a number of members have caused some issues, both in our club, along with many readers in RCGroups.com.

As a reminder, this SwitchIR meter is used to check the quality of your receiver switch harness, along with the servo extensions you may be using. And it has uncovered a lot of problems with some of those receiver switches along with servo extensions.

Bill Flannery bought one of my switches, and he just indicated that one of his switches in his model measured 49, 58 and 1049 milli-ohms.

That 1049 milli-ohms was on the white wire that doesn't carry much current, but that high value is a big red flag that something is wrong with the contacts on that switch.

Most of our RRCC readers are aware that Hoss lost two 30 cc gasser models in a week, with total loss of control.

I checked the receiver switch on his two models and found **BIG** problems with them. The red wire on these

switches should be the only lead that is switched off by the slide switch.

The two switches that Hoss had measured 1100 and 1500 Milli-Ohms, a value that is high enough to cause the receiver to quit operating.

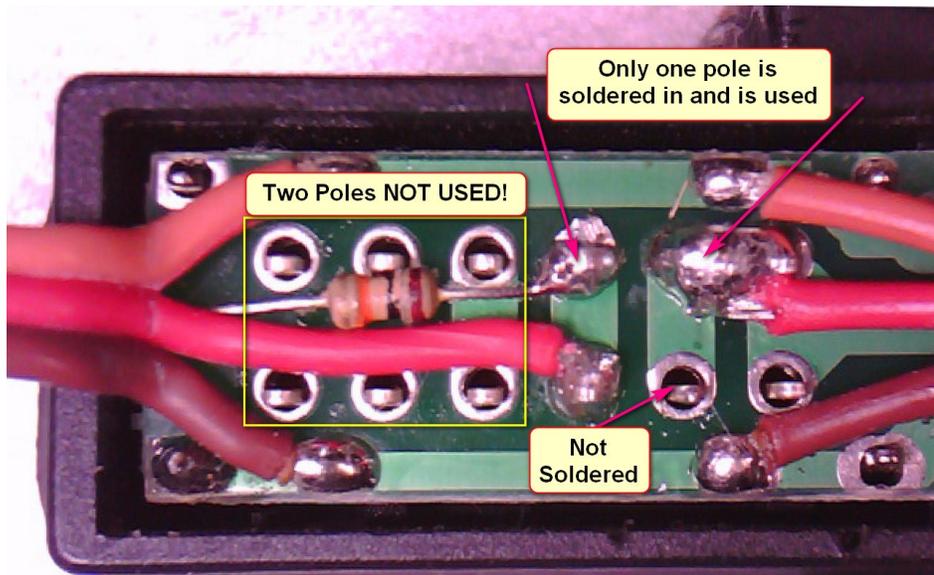
Much worse, I pulled the cover off of those two switches and found how the switch was wired, as the photo below shows.

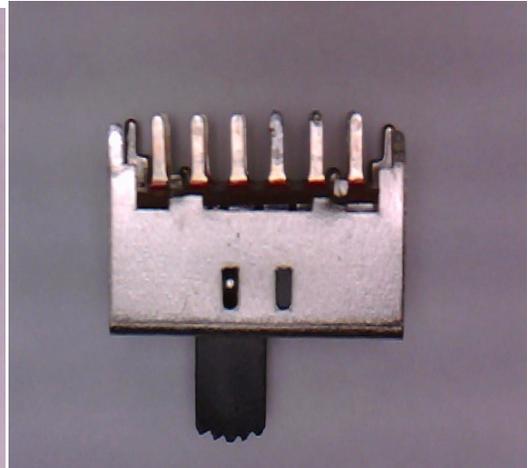
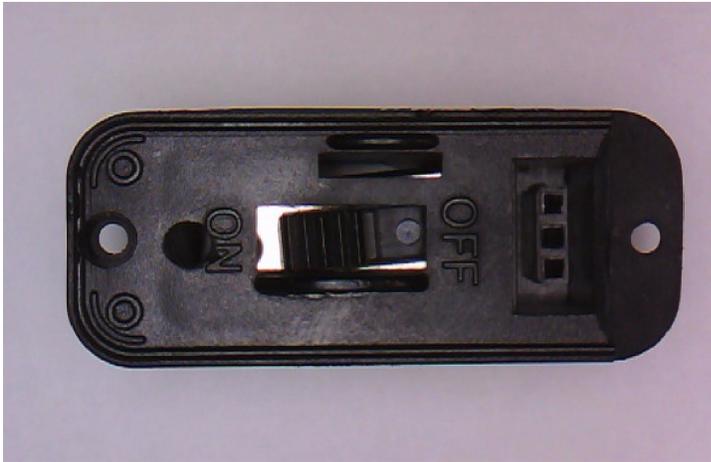
The assembly of this switch is absolutely pure BS. I can't print what I think, since this newsletter may be read by minors.

For those familiar with switch wiring, the photo shows that a four pole slide switch was used supposedly for more reliability. The two left poles don't have any copper foil to the red wire. IE, they are not connected to anything!!!!

The right side of the switch is only using a single pole of the four pole switch. Again, this is absolutely pure BS.

Some of these switches ARE correctly wired, The cover of this switch is easily popped out with a thin knife blade for internal inspection of your switches.





Here is an internal view of the switch that is used on these receiver switch harnesses. This is a very cheaply made open contact style of switch that does not have **ANY** sealing against moisture, fuel, or dust. One tiny spec of dust on the one pole of this switch can cause a loss of your airplane.

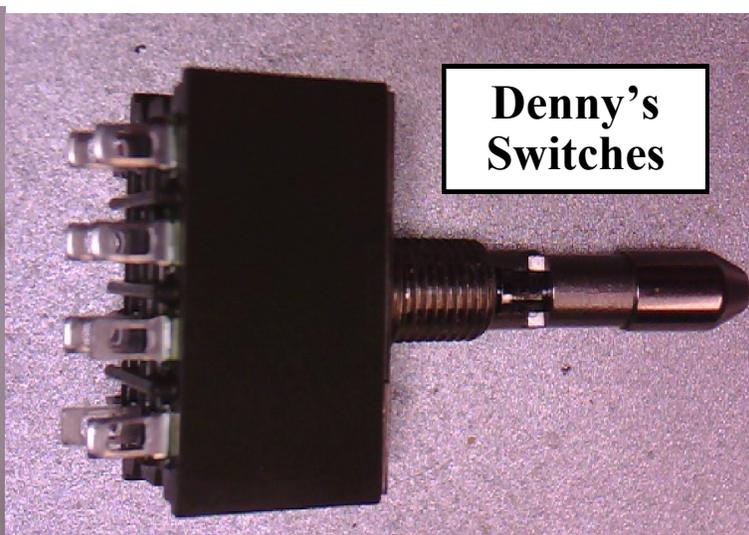


Compare this switch to the one your editor has been using for many years. Many of the RRCC club members have been using this same switch on their larger models. This switch is sealed against moisture, fuel, dust and other contamination.

designed for high vibration levels.

It is a locking type toggle switch that uses pure silver contacts, both stationary and moveable contacts. This switch is

Note this is a sealed switch that uses a direct drop in replacement 3D printed housing for the high quality \$13.00 toggle switch used in this project. I'm building up a limited supply of these switches only for the currently flying RRCC club members.



I have 6 white and 6 black switch housings just printed on my 3D printer for these switches. And, have 10 of these switches on hand.

Again, these switches are only for the RRCC members that are currently flying their models, since I'm providing them only a dollar or so above my cost of materials.

I also have some components to build up several more of those "SwitchIR" meters that are used to check the quality of your servo extensions and switch assemblies.

Seems those folks that have bought one of these meters have found a substantial portion of their receiver switches and servo extensions do have some quality issues.

Let me know if you'd like to purchase either/or the SwitchIR meters or the locking type toggle switches.

DennyV
RRCC Editor

Note: The girl standing on the ladder is the owner of that 15 foot rocket!





Buzz, thanks
for the
pictures!





**Milwaukee Association of R/C Clubs 2020 Event Schedule
Please note that many of these events have been canceled!**

(Copied from Marks newsletter, thanks Charlie!)

Aug 13 - 15	Fond du Lac Aeromodelers Assn.	Warbirds and Classics
Sun Aug 16	Fond du Lac Aeromodelers Assn	Wellnitz Memorial Open Fun Fly
Sat Aug 22	S.E. Wisconsin Area Rotary Modelers	Friend Fly
Sun Aug 23	Racine RC Club	Open House
Sat Aug 29-30	Circle Masters Flying Club	Demo Flying, Sussex Farm Show
Sat Aug 29	Flying Electrons	Air fest, Fly-In Benefit Troop #110
Sat Sept 12	Flying Electrons	Fly-In and Swap Meet
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
08/05/20	12-2	William (Oz) Miller	09/23/20	4-6	Donald Parkinson
08/05/20	12-2	Charles Brzezicki	09/30/20	12-2	Bill Flannery
08/05/20	2-4	Charlie Reich	09/30/20	2-4	Bill Flannery
08/05/20	2-4	Charles Brzezicki	09/30/20	4-6	Bill Flannery
08/05/20	4-6	Daniel Fucile	10/07/20	12-2	Bob Lupia
08/12/20	12-2	Arland Matson	10/07/20	12-2	Ronald Schroeder
08/12/20	12-2	Gary Bokowy	10/07/20	2-4	Bob Lupia
08/12/20	2-4	Charlie Reich	10/07/20	4-6	Donald Parkinson
08/12/20	4-6	Daniel Fucile	10/14/20	12-2	Larry Petricek
08/19/20	12-2	Arland Matson	10/14/20	2-4	Larry Petricek
08/19/20	12-2	Gary Bokowy	10/14/20	4-6	Larry Petricek
08/19/20	2-4	Charlie Reich	10/21/20	12-2	Roger Nickolaus
08/19/20	4-6	Daniel Fucile	10/21/20	2-4	Roger Nickolaus
08/26/20	12-2	Wayne Greisen	10/21/20	4-6	James Martinich
08/26/20	2-4	Wayne Greisen	10/28/20	12-2	Dennis Krzyzanek
08/26/20	4-6	Wayne Greisen	10/28/20	12-2	Paul Willems
09/02/20	12-2	James Levandoski	10/28/20	12-2	Ron Burden
09/02/20	12-2	Ronald Schroeder	10/28/20	2-4	Dennis Krzyzanek
09/02/20	2-4	Ronald Schroeder	10/28/20	2-4	Paul Willems
09/02/20	2-4	James Levandoski	10/28/20	2-4	Ron Burden
09/02/20	4-6	Raymond Redlin Sr	10/28/20	4-6	James Martinich
09/09/20	12-2	Darrel (Hoss) Hossalla	11/04/20	12-2	Douglas Karge
09/09/20	12-2	Edward Witt	11/04/20	2-4	Douglas Karge
09/09/20	2-4	Darrel (Hoss) Hossalla	11/04/20	4-6	Peter Redel
09/09/20	2-4	Edward Witt	11/11/20	12-2	Thomas Dremel
09/09/20	4-6	Ron Dixon	11/11/20	2-4	Thomas Dremel
09/09/20	4-6	Eric Armantrout	11/11/20	4-6	Peter Redel
09/16/20	12-2	Craig Manka	11/25/20	12-2	James Strelitzer
09/16/20	2-4	Craig Manka	11/25/20	2-4	James Strelitzer
09/16/20	4-6	Eric Armantrout	11/25/20	4-6	James Strelitzer
09/16/20	4-6	Ron Dixon	12/02/20	12-2	Steven Navone
09/23/20	12-2	Stephen Knackert	12/02/20	2-4	Steven Navone
09/23/20	2-4	Rich Smentek	12/02/20	4-6	Steven Navone