



THE FLIGHTLINE



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

RRCC August Issue
October 15, 2023 Newsletter

WE ARE ON THE WEB
www.racinerclub.com

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Racine R/C Club Meeting Minutes

September 17, 2023

Time: 1:00 PM

Location: R/C Flying Field

Open Meeting - Jim opened the meeting at 1:00PM.

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

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

Reports

President-Jim Litwin reported that the club has received our FRIA (FAA Recognized Identification Area) authorization this past Thursday, September 14th. It is valid until 9-8-27, at which time the AMA will resubmit a renewal on our behalf. We don't need to install a transponder in our airplanes if flying at our field.

Vice President- Roger Nickolaus reported on the Open House flying event held September 27th. Two flyers from the RAM's club participated. Hot dogs and hamburgers, drinks and chips were provided.

Secretary/Treasurer-Bob Johnson unable to attend. Jim Litwin gave a report on the membership status and checkbook balance.

Current membership as of this newsletter.

Senior Members	41
Open Members	15
Junior Members	<u>2</u>
Total	58

Newsletter Editor-Dennis Vollrath had nothing new to report.

Field Chairman- Trygve Smalley thanked Carl Berquist for cutting the field. A thank you also went out

to Jerry Rose for cutting the low hanging tree branches. After discussions with Roger Nickolaus, Trygve announced the shelter walls will be going up on Saturday, September 30th at 8:00AM. New and standardized, same size screws and drivers, will be used.

Tractor Chairman- Eric Armantrout was not present.

Web Master-Ron Hayes reported he has acquired the codes, etc. so he will now start making entries on our Facebook site.

Safety Officer-Darrell Hossalla had nothing new to report.

Compost Director- Chuck Roberts reported that everything is going well. The village contacted him with next years dates. Opening April 3rd and closing November 20th.

Old Business- Nothing to discuss.

New Business – Jim Litwin outlined the series of events occurring in the next few weeks related to Proposed Rule and By Law changes.

- With regards to proposed Field Rule and or By-Law changes. Club members must submit their proposed changes in writing (or email message) to the club secretary. The club secretary must receive your proposed change by **noon on Sunday October 1st**.

- The proposed changes shall be as you want the change to read. It should also indicate what you want eliminated, if that is the case. The proposed change cannot be amended or changed after submitted.

- The proposed change will be published in the October and November newsletters and voted on at the November meeting.

- The club officers will meet, as per the club By-Laws, after all submissions have been received to discuss and possibly submit proposals of their own as a collective body.

- Club officers for 2024 will be elected at the November meeting. Nominations can be made up to the time the election vote is taken.

This is your chance to get involved in the club activities. If there is something you would like to see run differently this is your chance to submit your name and run for an officer's position. I would encourage anyone interested in running for a club officer position to review the job descriptions of these positions as published in the club handbook, pages 14-15, section 4.08 "Duties of Officers". Let the campaign begin!

New Pilots – None

Show & Tell – None

Raffle Drawing – Ray Fisher won the Raffle (\$11.00).

Close Meeting – Jim closed the meeting with a reminder to get all proposed Field Rule or By-Law changes in by Sunday October 1st at noon. Shelter walls going up Saturday September 30th and the next club meeting will be Sunday October 15th at 1PM at the field.

JIM'S CORNER

Fall is here! Cooler weather is rolling in (sweat shirts & light jackets) and the shelter sides are up. A few things were started early, but the actual shelter sides went up and completed in 2 ½ hours. Working on installing the stove pipework this week as I write this article. Thanks to Roger, all new chimney pipes will be

installed. Thanks to everyone who showed up to help with putting up the shelter side, whether you did some work or offered moral support. It all helped!

As you look thru this newsletter, please note that there is a section with the proposed Field Rule changes. As noted, they will be published in this newsletter and the November newsletter, and then

voted on at the November 12th club meeting.

As announced at the last club meeting, the FAA has approved our FRIA request, so that means we can fly at our flying field **WITHOUT** having to install a transponder in our planes. Just fly as you have been with the same equipment.

Trygve Smalley has been keeping the flying field in great shape, so I would urge you to get out and enjoy it while you still can, before that white stuff starts blowing in.

The latest AMA magazine, Model Avia-

tion, October issue, page 90, had a nice short article about fuel tank installations. Take a look at it.

It's not a bad time to start thinking about your winter project. Containers of planes are arriving at the docks, but supply may be limited. You got to have a winter project so you can be at your work bench when the snow is piling up 2 feet high!

Our next meeting is on Sunday, October 15th, at the flying field.

Fly Safe & Have Fun

Jim Litwin

President

PROPOSED 2023 FIELD RULE CHANGES

Published in the Oct & Nov newsletters

Voted on at the Nov 12th Club meeting

Current Field Rule # 3

3. No flying while grass is being cut or fieldwork is being done.

Proposed Field Rule #3

Delete Rule (Content included in proposed Field Rule #10)

Current Field Rule # 7

7. No flyer, except those using only 2.4 ghz radios, shall turn on his/her transmitter unless he/she has inserted their Club card into the frequency board slot showing their transmitter channel number. Guests are only required to insert their AMA card.

Proposed Field Rule # 7

Delete Rule

Current Field Rule # 10

10. There should be NO intentional flying over pits, parking lot or railroad tracks at any time. Furthermore, when the compost site is open for residents, there should be no intentional flying over the compost site, and our grass flying field immediately to the south of the compost site and north of our pits (marked "compost no-fly zone" on the diagram below).

When the compost site is closed to residents, and only maintenance staff are working the compost site area, club members may fly over our west end grass field while the maintenance staff are in the compost site. WE CANNOT FLY OVER THE COMPOST SITE !!

Pilots may land, takeoff, or fly through the "slot" between the flight line and the compost site and do a "Split S", an "Immelmann Turn" or a "Procedure Turn" or "Turnabout" maneuver over the farm field to the west of our flying field, and return back east staying over our grass field. STAY AWAY FROM THE COMPOST SITE.

Proposed Field Rule # 10

10.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

Current Field Rule # 11

11. Antenna must be down, transmitter placed in impound rack and AMA or Club membership card removed from frequency board, when you do not have access to the frequency for all radios except for 2.4 ghz radios.

Proposed Field Rule # 11

Delete Rule

NOTE: If any existing Field Rules are deleted, remaining Field Rules will be renumbered to a new sequential listing.

Dennys Stuff

There isn't a lot going on around here this month. I do have a few things though. The RCGroups webpage has a specific thread under "Radios" and "Spektrum nX10" transmitters.

There is a LOT of good information there on our radios in general, and specifically the nX10 transmitters.

For those that have purchased one of the Spektrum nX series of transmitters, there are a few things to be aware of.

First, it is easy to copy all of your models from your old DX series of transmitters to the new NX series. Note that the old DX series used a standard size SD card, while the new NX series uses a micro SD card.

FYI, when you buy an MicroSD card, be sure to pick one up at 32 gb or less in size. I don't know if the nX series of transmitters has a problem with the 64Gb SD cards or larger, but the DX9 very definitely did. Amazon has the smaller SD cards.

Also note, if you use the transfer all models to the SD card from your DX9, you need to insert the SD card with the adapter that comes with all SD cards.

Then, simply take the micro SD card out of the adapter, insert it into the nX series transmitters, and upload as usual.

BUT, DO NOT DELETE THE OLD FILES OUT OF THE DX9 TRANSMITTERS !!!

The file systems between the Spektrum DX series of transmitters and the Spek-

trum nX series of transmitters is different.

So, even though you can copy files from the DX transmitters to the nX transmitters, you can NOT go back from the nX transmitters to the DX series transmitters!!!

Many of our club members are aware that these Spektrum transmitters and receivers that have the "T" telemetry identification on the receiver label are continually transmitting back and forth during a flight. My Spektrum AR8360T receiver transmits a one millisecond pulse train signal back to the transmitter 45 times per second. That's between the Transmitters 45 CPS.

Here is where we have a difference between the older DX9 transmitters, and the newer IX and nX transmitters.

From Andy Kunz (Software Engineer from Horizon Hobbies), there was a computer chip change between the older Spektrum DX9 transmitters, and the newer iX and nX transmitters. The change involved the telemetry range between the transmitter and receiver.

Don't worry, your older DX has the same range between the transmitter and its ability to control your RC model. ***The telemetry range involved is the range when your receiver transmits back to the transmitter.***

On a good day, the range between the re-

ceiver and the DX9 transmitter is lucky to be half of the range of the DX9 transmitter to the receiver.

Compare that to the nX10 transmitter and the AR8360T receiver for example. Andy Kunz indicates that the range from transmitter to the receiver is about the same as the range from the receiver to the transmitter.

Again, this isn't an issue for actually flying your model airplane. Where it could show up is when you are using the altimeter function of your AR8360T receiver. You could fly higher than where an old DX9 transmitter could receive the models altitude.

Another FYI, I ordered Spectrum's solution to the FAA identification module. Seems they don't have any yet, and won't have any available until next Spring. Right now, I'm on the list to get one when they become available.

Last but not least, the club house anemometer. I think I've finally got the power up cycle working properly when the sun rises in the AM. It took an Silicon Controlled Rectifier (SCR) to delay switching on the power to the meter until the solar panel output voltage reaches 14 Volts DC, out of 20 VDC at high noon.

That's about it for now.
Denny Vollrath RRCC editor







COMPOST SCHEDULE 2023

DATE	TIME	NAME (1)	NAME(2)	SUBSTITUTE
09/06/23	12-2	Bob Johnson		
09/06/23	2-4	Bob Johnson		
09/06/23	4-6	Gary Bokowy		
09/13/23	12-2	Bob Johnson		
09/13/23	2-4	James Houtsinger		
09/13/23	4-6	Chuck Roberts		
09/20/23	12-2	Bill Flannery	Kenneth Dalton	
09/20/23	2-4	Bill Flannery	Kenneth Dalton	
09/20/23	4-6	Bill Flannery	Kenneth Dalton	
09/27/23	12-2	Jim Litwin		
09/27/23	2-4	Jim Litwin		
09/27/23	4-6	Jim Litwin		
10/04/23	12-2	Douglas Karge		
10/04/23	2-4	James Houtsinger		
10/04/23	4-6	Douglas Karge	Roman Kirykowicz	Helmut Schmidtke
10/11/23	12-2	James Martinich		
10/11/23	2-4	James Houtsinger	James Martinich	
10/11/23	4-6	James Martinich	Roman Kirykowicz	Helmut Schmidtke
10/18/23	12-2	Richard Stapleton	Charles Brzezicki	
10/18/23	2-4	Richard Stapleton	Charles Brzezicki	
10/18/23	4-6	Richard Stapleton	Charles Brzezicki	
10/25/23	12-2	Buzz Paricka	Michael Stein	
10/25/23	2-4	Buzz Paricka	Michael Stein	
10/25/23	4-6	Eric Armantrout	Michael Stein	
11/01/23	12-2	Carl Bergquist		
11/01/23	2-4	Edward Jenkins		
11/01/23	4-6	Edward Jenkins		
11/08/23	12-2	Carl Bergquist		
11/08/23	2-4	Jeffrey Lee	John Boticki	
11/08/23	4-6	James Strelitzer		
11/15/23	12-2	Carl Bergquist		
11/15/23	2-4	Edward Jenkins		
11/15/23	4-6	James Strelitzer		
11/22/23	12-2	Buzz Paricka		
11/22/23	2-4	Jeffrey Lee	John Boticki	
11/22/23	4-6	James Strelitzer		
11/29/23	12-2	Steven Navone		
11/29/23	2-4	Steven Navone		
11/29/23	4-6	Steven Navone		