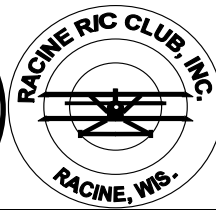




THE FLIGHTLINE



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

RRCC January Issue
January 16, 2022 Newsletter

WE ARE ON THE WEB
www.racinerclub.com

Club Officers

President

James Litwin
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Vice President

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Secretary/Treasurer

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secretary@racinerclub.com

Field Chairman

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Safety Officer

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Tractor Chairman

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Compost Director

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Webmaster

Justin Francisco
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Newsletter Editor

Dennis Vollrath
Cell 262-994-6342
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Racine R/C Club Meeting Minutes

December 19, 2021

Time: 1:00 PM

Location: R/C Flying Field

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

Welcome – New Members & Guests

No new members or guests.

Minutes – Last Meeting The minutes of the November meeting were published in the December Newsletter. No changes and accepted as published.

Reports

President – The Milwaukee RC Association 2022 Swap Meet & Auction will be occurring on Sunday, January 30th at the Washington County Fairgrounds. 8:30 AM – 2 PM. Flyer printed in the Newsletter.

Contact Darrell Hossalla if you would like to help at the Swap Meet by volunteering some time.

Vice President – Nothing to report.

Secretary / Treasurer – Bob is at home recuperating and doing well. Report given by Jim Litwin. Financial report given, and membership advised that Jim would be collecting membership dues at the conclusion of the meeting. (Note: Minutes of this meeting will be done by J. Litwin)

Safety Officer – Dan had nothing to report other than urging everyone to be safe on the snow & ice.

Field Chairman – Darrell updated the membership on the status of the New Year's Day party, and sent around a sign-up list of what people wanted to bring in the way of food, etc.

Newsletter Editor – Dennis had nothing to report, and did have several copies of the Newsletter to handout for those who needed a copy.

Tractor Chairman – Eric was out of town and unable to attend.

Compost Director – Jerry was unable to make the meeting, but requested that a statement he had written be read to the membership.

This is just a reminder that sign up for compost will begin at our January 16th, 2022 meeting. We will be starting on Wednesday April 6 2022 and the last date will be December 7 2022. As you all know we start on the April 6 date and work out from there with the schedule. That is so we can have people in place for starting months.

So now is the time to get your calendar out and start thinking about your times. You will be reasonable for YOUR times and dates, it will be up to YOU to find someone to fill in your time and dates if you unable to make YOUR times.

If there has been any changes to your schedule please notify the compost Director (Jerry Rose) with the dates, times and the person that will be taking YOUR place.

When I talked with Mark Benish to set the dates he said that Mount Pleasant was pleased. I would like to thank you all for your time. Without you doing your compost we would not have one of the nicest RC fields in the state.

Web Master – Justin commented that has changed the format of our website because the vendor started charging more, so he went to another free site. Still getting a lot of Facebook hits, so people are looking at us.

OLD BUSINESS - There was no old business to discuss.

NEW BUSINESS – Jim Litwin brought up the topic of setting the 2022 membership dues structure. He indicated that he and our Sec/Tres. Bob Johnson had discussed this matter, and both recommended that the dues structure remain the same as last year.

What appears to be a healthy club financial status is partly due to the sale of donated RC planes & equipment, with the proceeds going to the club treasury. A Motion was made, seconded and with no discussion, the membership approved keeping the membership dues structure the same as last year.

RATES: ANNUAL REGULAR MEMBER.....
\$ 70.00

FAMILY RATE (Two adults residing at the same address) **\$80.00**

JUNIOR RATE (Under the age of 18 **\$1.00**

SENIOR MEMBERS (65 years old & over
\$40.00

NON-FLYINGMEMBER \$30.00

***After August 1st of each year, dues are 50% of the shown schedule for new members.**

There was no other new business.

NEW PILOTS – There were no new pilots.

SHOW & TELL – There were no "Show & Tell" items.

RAFFLE DRAWING – Raffle drawing won by Doug Karge, who in turn donated his winning to the club. Thanks Doug!

CLOSE MEETING – The meeting was

closed with a reminder to contact Hoss with a note indicating what you will be bringing to the New Year's Day party,

and a Merry Christmas, a Happy New Year, and a Happy Holidays wish was given to everyone.

JIM'S CORNER

It's a new year, and it came in with some cold air and snow! Hoss plowed the parking lot for New Year's Day, but last night's wind really blew in some drifts or hard packed snow.

Wood pile all snowed in, and drifts are hard enough to walk on without sinking. Wisconsin winter!

The New Year's party went over quite well. Lots of food and conversation. It was warm in the shelter and Hoss kept the food coming. No one should have gone hungry. It was too windy for anyone to fly.

Eric Armantrout went out flying on the day after, Sunday, and was the only one there, but he got in the first flight of the year with a small gas airplane. When I found out he was out there, I also went out, and got in the first electric flight of the year. Not aware of any glow powered planes flying yet.

Members have started paying their 2022 membership dues, and Jerry will have the compost site roster at the field for you to select your work hours. Remember, it's a

total of 6 hours and we are looking to get the beginning of the compost season filled first!

A topic that needs discussion at our upcoming meeting is our annual awards banquet. Should we have one, considering COVID, people just wanting to avoid gatherings, and where can we go? Hopefully Roger will have some information for us.

Given that this is supposed to be an awards banquet, we have to start thinking about award recipients. We will be voting on them at the February meeting, but that doesn't mean you can't start thinking about them now.

If you have a winter project, consider bringing it to our meetings for "Show & Tell". Everyone is interested in new projects. Might like the fire on some who are procrastinating on starting their project. Stay warm and get those projects going. Spring, and the flying season will be here before you know it.

Fly Safe & Have Fun
Jim Litwin
President

DENNY'S STUFF

Here is a continuation on the series of articles by your editor on the various items involved with "Electricity"

Last month we covered the electrical function of "Voltage". That voltage can vary from small fractions of a single Volt to the multiple hundreds of millions of Volts involved with a lightning strike. FYI, the current involved with a lightning strike is on the order of some 20,000 Amperes!

OK, we just mentioned a new item, "Amperes". Again, the Ampere level can vary from a millionth of a Ampere to hundreds of thousands of Amperes.

Just what is an Ampere? For those that took physics back in school, everything we see around us consists of countless atoms. Atoms consist basically of a proton and an electron for Hydrogen gas to hundreds of protons and electrons in some of the radio active atoms like uranium. This is a bit simplified, but some at-

oms have a balance of protons and electrons, we call them insulators, like glass, ceramics, dry wood and so on.

Some atoms such as copper, aluminum and so on have an "Extra Electron" (Kind of) that can float through the aluminum, copper and so on.

The Ampere term describes a flow of those electrons through the conductor of copper or what ever. As you can expect, one Ampere consists of nearly uncountable numbers of electrons flowing in the circuit.

The definition of one Ampere is:
6,280,000,000,000,000,000 electrons per second passing though the circuit.

As a comparison, lets go back to the RRCC clubs Jacobson lawn mower and its hydraulic system. The hydraulic pump generates the hydraulic pressure in the hoses of the hydraulic system.

When those hoses are connected to the hydraulic motor in the lawnmower blades, we have a flow of hydraulic oil through the system. We measure that hydraulic oil flow in a number of ways, including gallons per minute, liters per second, drops per day, you get the idea.

And, there must be a return of the hydraulic oil from the hydraulic motor through the return hose to the hydraulic pump. Disconnect that low pressure hose, and things quit very suddenly.

We have something similar in the battery circuit of electrical systems. That can include a simple flashlight, the 12 Volt battery system in your car, any number of other electrical systems, even down to the battery operated clocks in our club house.

In our flashlight, we have the battery, similar to the hydraulic pump in the Jacobson lawn mower. We have the red and black wires in the flashlight, similar to the high and low pressure hoses in the lawn mower. And, we have the light bulb, a device that heats up white hot when sufficient current is flowing through its filament.

So how much is an Ampere in the real world? That previously mentioned flashlight's incandescent filament pulls around a half an Amp or so. The starter in the lawnmower pulls something like 50 to 100 Amps or so.

Those power lines mounted on telephone poles all over the place have protecting fuses and/or circuit breakers set at values from a few dozen Amperes to around 500 Amps or so, depending on where they are located.

What may not be widely known is the human body, and every other living thing on earth depends on electricity to function.

The human body nerves carry the electrical signals between the brain and all of the muscles in our body. It doesn't take much electrical current through your body to have a real effect.

A current of around 0.001 Amperes flowing through a finger is just noticeable. Increase that to 0.01 Amps, and you get very obvious pain. Up that current to 0.1 Amps, and depending on where it is flowing, that can be fatal. (You can't let go)

So, why isn't a 1.5 Volt Alkaline cell dangerous? It has to do with resistance, the topic of the next newsletter.
DennyV RRCC Editor.



NEW YEARS DAY PARTY



Hoss' 101
Inch Edge!



RACINE RC CLUB 2022 CALENDAR

January 1	Saturday	9:00 AM	New Year's Day, "First in the Air" Event
January 16	Sunday	1:00 PM	Club meeting - Flying Field
February 20	Sunday	1:00 PM	Club Meeting - Flying Field -
March 1	Tuesday		Lock codes changed
March 5	Saturday		Banquet
March 20	Sunday	1:00 PM	Club Meeting - Flying Field
April 6	Wednesday	12 – 6 PM	Club Compost Duty Starts
April 10	Sunday	1:00 PM	Club Meeting - Flying Field
May 15	Sunday	1:00 PM	Club Meeting - Flying Field
June 4	Saturday	8:00 AM	Shelter take down
June 12	Sunday	1:00 PM	Club Meeting - Flying Field
July 17	Sunday	11:00 AM	Club Picnic at Field - No Meeting
August 21	Sunday	1:00 PM	Club Meeting - Flying Field
August 28	Sunday	9:00 AM	RC Club "Open House"
Sept 18	Sunday	1:00 PM	Club Meeting - Flying Field Get proposed rule changes submitted
October 1	Saturday	Noon	Deadline for submission of Proposed Field Rule & By-Law Changes
October 1	Saturday	8:00 AM	Shelter setup
October 16	Sunday	1:00 PM	Club Meeting - Flying Field
Nov13	Sunday	1:00 PM	Club Annual Meeting - Election of Offic ers; Vote on proposed Field Rule & By- Law changes
Dec 7	Wednesday	12 – 6 PM	Last day Club Compost Duty
Dec 18	Sunday	1:00 PM	Club Meeting - Flying Field – Establish- Membership Dues schedule for next year
Jan 1, 2022	Sunday	9:00 AM	New Year's Day, "First in the Air" Event & Noon lunch (Electric Sunrise - Gas/Glow 9:00 AM)



43rd ANNUAL

SUNDAY
JANUARY 30th, 2022
MILWAUKEE, WISCONSIN

AUCTION & SWAP SHOP



Sponsored by
MILWAUKEE R/C ASSOCIATION



Chapter #7

ADMISSION: \$5.00 ADULTS
(UNDER 16 FREE)

SWAP SHOP: 8:30-2:00

NO SELLING before 8:30 A.M. no exceptions

AUCTION

Every 30 minutes in 15 minute segments

TABLE FEES

All tables are \$20.00 each

Admission \$5.00 per person.

Contact event Coordinator Laurie for table reservations and questions at 414-461-6013 or email register.mrca@gmail.com

FOOD – BEVERAGES – AMPLE PARKING

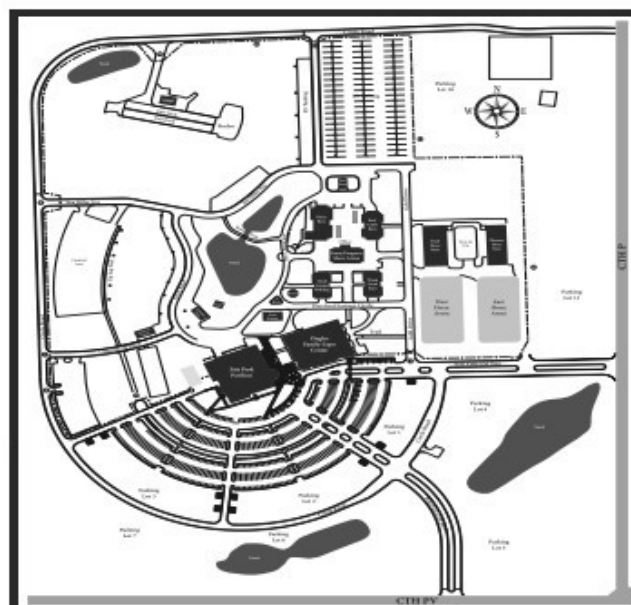
RAFFLE immediately after auction

Visit us on FACEBOOK@ Milwaukee R/C Association

MEMBER CLUBS:

ABC R/C; Astro Wings of Wis; East Troy R/C; Lakeland R/C; Milwaukee Area Radio Control Society (MARKS) Club; Fond Du Lac Aero Modelers Assn.; Flying Electronics, Inc; Pebble Creek Flyers, Inc; Racine R/C Club, Inc; Rainbow Aero Modelers Society (RAMS) Club; Rubicon Area Flyers (RAF) Club; SE Wis. Area Rotary Modelers (SWARM); Sky Ranch Flyers; Watertown Aeromodelers R/C Club.

AFFILIATE CLUBS; Bong Eagles; Circlemasters Flying Club; Model Engine Collectors Association (MECA).



Washington County Fairgrounds
Pavilion Building
3000 Pleasant Valley Rd
West Bend, WI 53095

***“Bring your Airplanes, Cars,
Trucks, Boats, Parts etc. We
have buyers for all!”***