

Flypaper 2023

Official Newsletter of
The Flying Electrons of Menomonee Falls



Celebrating 60-plus Years of Service to the Community & Counting!



President's Preflight



With this being my last year as president, I would like to thank everyone that made my job so much easier over the years.

We've come a long way over the last five years and had many challenges along the way. In 2020, we were faced a pandemic that threatened to cut us off at the knees. Despite having to shut down our monthly meetings and events, there was a silver lining.

People eventually began to get stir crazy, cooped up in the homes. Looking for things they could do outdoors where social distancing is easy, they started visiting our airfield and discovered RC. I'll grant you that some of our visitors were mothers with kids looking for a little babysitting service, however there was a strong contingent of candidates within the mix that became club members along the way.

Flight training became our most productive channel for recruiting new members throughout the pandemic, and it is still today.



Solar Charging Station Update

The photo above shows what was state-of-the-art two or three years ago.

If you've not been out at the airfield in the last 30-days, you'll be surprised to find that we have expanded our solar charging stations for 2024.

Late this season, our charging stations started failing to meet our demands. On a cloudy day, charging had to stop when the solar panels could not keep up and our batteries could not quite hold the needed charge.

Mark Polzin, Bruce McGee and Dave Wandrey stepped up to solve the problem. Mark and Bruce put their heads together to design an engineer a charging system that would take us into the future. The design would double our current ca-

(See **SOLAR** on page 5.)

See **PREFLIGHT** on Page 3.

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No
Club Meeting
Until March
2024.

President: Tom Jacobs
tjacobs421@att.net
262-527-2481

Vice President
Paul McGuan
paul@mcguan.com
414-232-8634

Secretary/Treasurer:
Mark Polzin
mpolzin1234@gmail.com
414-687-7550

Director: Steve Huelsbeck
shuelsbeck@wi.rr.com
414-358-1078

Director: Drew Giordano
AndrewGiordano.Dev@gmail.com
813-909-3883

Director: Jerry Schneeweis
jerryschneeweis@gmail.com
414-303-1290

Director: Doug Colton
sd.colton@sbcglobal.net
262-622-5913

Safety Officer: Ed Malec
mechanical.eddie@gmail.com
414-763-7707

RC Association Rep:
Steve Huelsbeck
shuelsbeck@wi.rr.com
414-358-1078

Field Manager: Doug Colton
sd.colton@sbcglobal.net
262-622-5913

Club Meetings:
Second Sunday of Month 7:00pm
De Marini's Restaurant
N88 W15229 Main Street
Menomonee Falls, WI 53051

Flying Site:
N61 W17000 Kohler Lane
Menomonee Falls, WI
www.flyingelectrons.com

It's Time to Renew!

Everyone needs to renew their membership each year. This applies to general members, STEM Students, and individual Family Membership individuals within a household.



The year is about over and it's time to renew your membership for 2024.

To renew or join the Flying Electrons you need to complete the application at the end of this newsletter.

Please make sure all information is complete.

Your AMA Membership must be valid and show an expiration date of at least **12/31/2024** or later.

Remember to include a copy of your new AMA card and FAA registration with your membership application. If you are a current member and have already submitted your TrustID in the past, you do not need to send another copy of that document for renewal.

Renewals received after January 2024 are subject to a \$5.00 late fee. Please get your renewals in early so Mark can process them on a timely basis.

For convenience, you can click this link [Member Renewal](#) and fill out the renewal template then **pay by Zelle**. Instructions how to pay by Zelle are also found later in this newsletter.

Thanks, TJ

Flypaper Contact Information

Editor: Tom Jacobs
tjacobs421@att.net
262-527-2481

The Flypaper welcomes for consideration articles of interest, recommended video links, letters and questions you may have about the club, meetings, newsletter, and events. Please direct those communications via email to tjacobs421@att.net. We will respond to all inquiries.

Next Club Meeting

Sunday, March 10th

7:00PM

De Marini's Restaurant

De Marini's Restaurant
N88 W15229 Main Street

I've really enjoyed getting to know everyone over these last five years and I'm hoping to be able to do a lot more flying with you at the field now that I'll have more free time. I plan to continue student training, as well, as it's so important to the future of the club. I also plan to continue as newsletter editor for the foreseeable future, bringing you news and information about the club..



Paul McGuan will be taking over January 1st. When I asked Paul McGuan to join the board, I had hoped that this is where it would lead. The presidency is what you make of it. And Paul has all the experience and business sense that he needs to make a great president. As VP, I'll be there for the transition and to support him whenever he needs it.

New Monthly Meeting Schedule

During our last club meeting, our members voted on a change to our bylaws which required a minimum of 11 per year. The new verbiage voted on and passed reduces this minimum to four (4)

meetings per year. **As a result, our first meeting for the 2024 flying season will be on Sunday, March 10th at DeMarini's Restaurant.** Our plan is to continue meetings each month thereafter on each second Sunday through December. Please watch the newsletter and your email for updates on these upcoming meetings.

CPR Training

At an earlier board meeting this year, Jerry Schneeweis suggested that the club invest in a defibrillator at the field. Paul McGuan took the logical next step and suggested that club members could be trained in CPR as well. Many of our members are retired and getting up there in age. We want to keep them around as long as possible, so when Jerry and Paul brought this up, we all agreed it is a great idea.

The plan thus far is to schedule our first CPR training session during our March meeting. It just so happens that Paul's wife Diana, is a certified CPR trainer with a great deal of experience in this area and is willing to help. Jerry will be looking into the cost of a defibrillator and what it will take to keep it current.

Details on how the CPR class would set up have not yet been established but I believe that more information will be made available in our January/February newsletters.

Stay tuned.

Membership Database

Watch your emails for introductory access to our new Club Database.

The database has been in use internally for two years now. Its initial goal was to help us to manage new member enrollments and renewals. It was expanded shortly thereafter to include a tool called "Raffle Manager."

Raffles are supposed to generate revenues for our club, however to date, they've never been able to show a profit for the club.

The "Raffle Manager Tool" puts a spotlight on raffle item expenses and revenues allowing us to see where the money is going in real time. It's also allows us to discover where we are losing money on raffles and how better to get a better return.

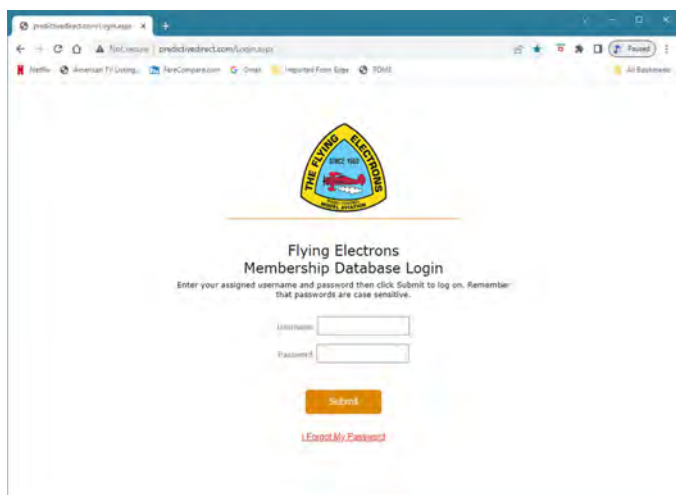
By focusing more on the use of donations and less on purchased items, we've were able to show a profit of over \$1,460 for the 2022 budget year.

We have now found a reliable way to make raffles a revenue stream for our club.

The Membership Database & You

During the first quarter of 2024 we'll be providing access to the membership. This access will be offered under a secure username and password, which you'll need to update when you first log in.

(Continued on next page)



Sometimes member email address information changes with internet carriers. Phone numbers also change when a new smart phone is purchased. It can often take months for this change to find its way into our club's mail list. This could cause us to lose contact, leaving you out of the loop regarding important club information or notices when posted.

Access to the Membership Database will allow you to personally manage your contact infor-

mation. It will also allow you to see other information related to your membership that may need updating. Our goal is to have the most accurate information possible, and to ensure that you remain in the

loop on all important club activities.

Airfield Dashboard

Another feature we are going to launch the first quarter of 2024 is the "Airfield Dashboard." This will be found as a link on our club website as well when available and it will allow members to view our field cameras and local weather station information on a central web page.

Development of a desktop version of this feature has been

completed and we're now working on a mobile version.

New Year's Day Chili Dump

With COVID pretty much now under control, our Chili Dump will be held on New Year's Day beginning at

10:00AM. Bring your favorite batch of chili and dump it into one of our fired up Nescos. Both Doug Colton and James Beckley will be coordinating the event. If you have a favorite chili side you would like to share ... please bring it along.

See the flyer later in this newsletter.

Our Holiday Party

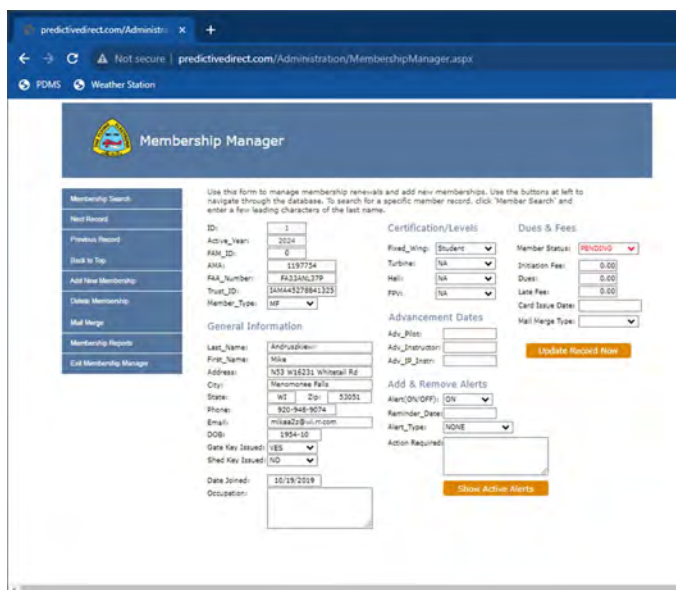
If you weren't able to attend the holiday party, you missed a great time. This was my last official act as president, and I'm so glad at how it turned out. We took a chance at moving the venue to a smaller location, but it worked out great! For more on the event, see Steve's Huelsbeck's photos later in this newsletter.

RC Association Swap Meet

The **45th Annual RC Association Swap Meet** is coming up on Sunday, **January 28th, 2024**.

The Association is asking for volunteers to assist in managing security for the event. "Managing security" is nothing more than being gate keepers to ensure that swap meet attendees are properly tagged with wrist band for entry.

The Association is asking for a two-hour donation of your time to check people in and out of the auditorium. There are multiple time slots available starting at 7:30AM and running through 2:00PM. Early bird volunteers get a good chance of selecting the time slot they prefer.



(PREFLIGHT *continued*



locations, each offering either 12 or 24-volt input options. This system was prototyped by Bruce McBee and presented at our November club meeting.

Bruce and Dave Wandrey finalized the construction plan, battery storage system and began work. The plan is to implement two major charging wings, one on the East side of the shelter and one on the West side.

At the writing of this newsletter, The project is now completed. It features twenty-eight, 12 & 24-volt access points plus plenty of table space for charging units on both wings..

A special thanks goes out to Mark Polzin, Bruce McBee and Dave Wandrey for taking this project on and making it a reality. Our club now has the best charging system in the state of Wisconsin, and possibly nationally. I hope to submit an article on its design and production to AMA for publication in Model Aviation News.

(SWAP *continued*

As the largest representative club in Southeastern Wisconsin, we would like to have the largest contingent of volunteers at the event this year.

It's important to note that the RC Association has supported our club in recent past with \$600.00 in grant money to support improvements made to our airfield and it's only fair that we support the event that makes these grant monies possible.

Please join me in offering your support. It's only a couple of hours and you'll have a great opportunity to find some exceptional deals on aircraft and equipment while you're there. Admission is FREE to all registered volunteers, and you may enter the venue at any time during the day.

If you've already submitted your name to volunteer, then thank you. If you would like to show your support, please contact Steve Huelsbeck at email address at shuelsbeck@wi.rr.com, or by phone at **414-358-1078** to register your name.

For more details, see the flyer later in this issue and thank you for supporting this great event ... and our hobby.

Everyone has been great over these last 5 years. The board has been very supportive, and I can't say enough about the member volunteers that have supported me along the way.

Thank you for everything ... and Happy Holidays

TJ

2023 Holiday Party

It was an experiment. I had reserved DeMarini's early in the year for a possible holiday party hoping we would have enough interest in making it happen. Like in 2022, my early emails asking "who would be interested" were not yielding much in the way of results. Later, club members started getting interested.

This year, members seemed excited once again.

Our objective was to have a holiday party that no longer took money from the club to be realized. I put together a budget and target number for payback and the membership came through. Our breakeven point was 40 members and we received 44 commitments.

I'm happy to say that we met our objective to hold a party at no cost to the club. When costs and revenues were compared, the club actually made money. About \$200 in fact.

What made our holiday event so successful wasn't the funds collected, it was the comradery between members and the engagement of spouses and guests that members brought along.

We had a great array of lady's door prizes and over \$1000 in raffle prizes for the members.





Ladies door prizes were supplied by Jerry Schneeweis, Brian Husted, and my wife June, and consisted of a collection of elegant holiday baskets and gift boxes packed with a winter scarf, decorative holiday bags and \$25 Kohl's gift cards.

I want to say thanks to the setup team consisting of Mark Polzin, Doug Colton, and Steve Huelsbeck.

It took the team 2-hours to decorate and make the room ready for the event but only 30-minutes to tear it down.

Everything worked out great!

New Year's Day Chili Dump!



The New Year's Day Chili Dump is Back!

Ring in the New Year with other Flying Electron members at Tamarack airfield.

Bring an aircraft and get your first flight in for the year while you enjoy a mystery batch of homemade chili.



Just bring your favorite concoction and dump it in the pot. The club will include all the fixings and sides to include hot coffee.



Here are the details.

Date:

New Year's Day

Time:

10:00AM to 1:00PM

Place:

Flying Electrons Airfield

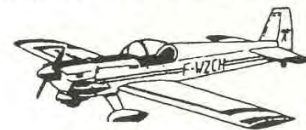
(We'll have the heater blasting when you arrive.)

45th ANNUAL

RC AUCTION & SWAP SHOP



SUNDAY
JANUARY 28th, 2024
 MILWAUKEE, WISCONSIN



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
 Throughout the day

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

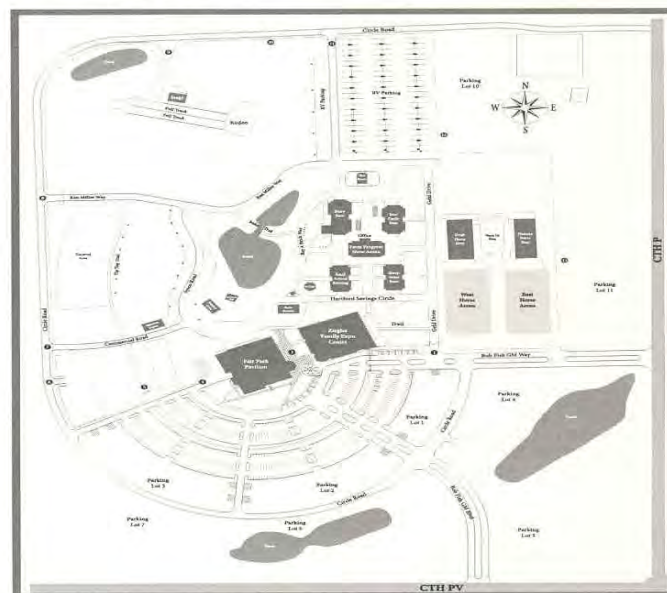
RAFFLE 50/25/25
 immediately after auction

Visit us on FACEBOOK@ Milwaukee R/C Association

MEMBER CLUBS:

ABC R/C; Astro Wings of Wis; Lakeland R/C; Milwaukee Area Radio Kontrol Society (MARKS) Club; Fond Du Lac Aero Modelers Assn.; Flying Electrons, 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 Associaton (MECA); IPMS, Richard I Bong Chapter.



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!”


 The Zelle logo is displayed in white text on a purple rectangular background. The word "zelle" is in a lowercase, sans-serif font, with a registered trademark symbol (®) to the upper right of the letter 'e'.

The Flying Electrons Now Accept Electronic Payment For Renewals Using Zelle

After many requests, we've setup an account using Zelle for the electronic payment of new memberships and renewals. The process is easy but still requires that you complete the club membership application and confirm your AMA membership and FAA Registrations by submitting a copy of each either electronically or via mail to our Secretary/Treasurer for verification.

The steps to pay electronically through Zelle are simple.

Most all banking institutions now offer Zelle as an electronic or mobile payment option. To get started using Zelle for membership renewals, do the following:

STEP 1 - Email Files You Will Need

1. Complete your renewal or new membership application using the PDF template located on the club website under the "JOIN" button
2. Save your application on your PC
3. Scan your FAA Registration and save it to your PC
4. New Members - scan your TrustID and save it to your PC
5. Scan your AMA card and

save to your PC

STEP 2 - Setting Up Zelle For Payment

1. Go online to your banking institution and look for the Zelle payment option
2. Click to create a Zelle payment account and follow the instructions to set up payments to the Flying Electrons



3. The account to use for payments to the Flying Electrons is Mpolzin1234@gmail.com
4. Once account set up is completed, refer to your membership application and note the

total due for renewal or new membership

5. Indicate that amount to be paid in Zelle (you can also choose what day the payment is to be sent)
6. Click send payment

STEP 3 - Send Your Application & Documents as Email Attachments

1. Send an email to Mark Polzin, club secretary/treasurer, indicating that you wish to renew or join using Zelle.
2. Attach your membership application, FAA registration, AMA membership card, and TrustID (if this is a new membership, TrustID only needs to be submitted once)
3. Click SEND Email
4. You will receive an email from your banking institution verifying your electronic payment

Your renewal or new membership is now complete.

This is our initial venture into electronic payment for new memberships and renewals. I know that it looks like a lot of steps but most of these are one-time steps that need to be taken.

But, if you're not ready to take

STEM Student Membership Academy

Education in Aviation through Aero Modeling.

Sponsored by

The Flying Electrons of Menomonee Falls

Here's What The STEM Student Membership Academy Offers!

1. A state-of-the-art airfield for training and personal flying
2. Ongoing access to top notch flight instructors, builders, technical advisors
3. Access to get great RC deals and discount savings
4. Earn your solo pilot's license while learning at your own pace
5. Mini-workshops covering all types of aircraft and power sources
6. Immediate access to advice and tips on how to get the most out of your aircraft
7. Learn airfield protocols and proper safety precautions
8. Meet top pilots and learn aerobatic techniques
9. Participate in all club events and activities
10. Monthly club newsletter
11. Full access to Tamarack Airfield for personal flying
12. Attend monthly club meetings to learn about various model aviation issues

Graduating students are eligible to renew their membership each year FREE of charge up until they reach the age of 18. (\$15.00 Annual AMA membership is also required for insurance purposes.)

For more information feel free to contact Tom Jacobs at tjacobs421@att.net.

The Flying Electrons "**STEM Student Membership Academy**" is a member scholarship program that provides interested young people the opportunity to learn how science, technology, engineering, and math support the various principals of flight through model aviation.

Available to young people ages 8 to 18, students qualify and apply for the Membership Academy by registering through the Flying Electron's **Introductory Pilot (IP) Program**. This program, supported by the Academy of Model Aeronautics (AMA), is designed to introduce individuals to model aviation by providing a FREE structured 60-day flight training program.

During training, students learn the principles that support flight, how control systems operate aircraft, power sources and how to properly set up aircraft for successful flight.

Each student trains at their own pace and under a schedule that is mutually convenient. Instructors are also available to assist the student in acquiring his or her own RC aircraft and equipment to be used during student solo pilot certification. Several options are available.

Students that graduate from the IP Program to "pilot status" are immediately invited to apply for a full and FREE club membership with all benefits.

Renewal & New Member Application

A copy of your valid AMA Membership card must accompany this application.
 FAA Registration & TrustID Certificates must be on file to renew or join.

(If not using the electronic template, please print legibly)

Check this box if you have updated your address, email, phone...etc.

Check this box if this is a "STEM Student Membership Academy" Application

AMA No.: _____ FAA No.: _____ TrustID No. _____

(Copy of AMA card required for renewals, FAA & TrustID card copies initial membership only)

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL: _____

PRIMARY PHONE: _____ DOB: ____/____/____ (month and year only)

SPONSOR (Required for new membership): _____

By signing this application, I agree to abide by the Field Rules.

Signature: _____ Date: _____

Mail your check payable to Flying Electrons, Inc. Include this completed application, valid AMA card, and if not submitted earlier, copies of your FAA Registration and TrustID Certificates. Mail to:

The Flying Electrons, Inc.
ATTN: Mark Polzin
Treasurer
5738 N Shore Drive, Whitefish Bay, WI 53217
 Phone: 414-687-7550 Email: Mpolzin1234@gmail.com
 Member Academy of Model Aeronautics, 1-800-I FLY AMA, www.modelaircraft.org
 The Flying Electrons Inc., Website: www.flyingelectrons.com

MEMBERSHIP TERMS & FEES

Select the Membership Category (Enter Cost at Right)	Unit Cost	Extension
New Member Initiation Fee	\$50.00	\$
Non-Resident - Individual or Family Membership	\$75.00	\$
Menomonee Falls Resident - Individual or Family Membership	\$55.00	\$
Junior (18 Years or Younger by July 1st)	\$55.00	\$
Single Senior (65 or Older by July 1st)	\$55.00	\$
Additional Costs		
Add if renewing after January Club Meeting	\$5.00	\$
Add if renewing after February Club Meeting	\$10.00	\$
Deduct if you paid initiation fee previous year	-\$20.00	
STEM Student Membership (Must be Solo Pilot certified)	N/C	
Calculate Total Membership Cost Here		\$

Incomplete forms will be returned to the applicant. Failure to provide proof of AMA membership will result in suspended flying privileges until proof such as a photocopy of AMA card or faxed confirmation from the AMA is provided to the club secretary.
 Applications for AMA membership are available from the club secretary or from most area hobby stores. Acceptance into membership of the Flying Electrons Inc. is contingent upon Club sponsorship, Board approval, and completion of all requirements of The Flying Electrons Inc. bylaws and based on the information provided herein. All fees are payable in advance.

Updated 11/01/2021 - TJ