

Flypaper 2021

Official Newsletter of
The Flying Electrons of Menomonee Falls



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



President's Preflight



Please Respond to Our 2021 Season Event Survey

I can't believe that it's been a year since we conducted our last member survey.

At that time, roughly 1/3 of the membership responded to let us know how they felt about active participation in club activities. I thank all of you that responded but would like to have more of you represented this year as we conduct our 2021 Event Survey.

You recently received an email asking you to participate. Please take the time to respond. It will only take a few minutes, it's all multiple choice, and your input is so important. Here's the link to the survey if you need it.

[Take Our Survey Click Here](#)

Fire at the Field

Unless you were living in a hole you followed the events of last month as our airfield was in jeop-

(See PREFLIGHT on page 6



Field Clean-up Day Scheduled For Saturday, May 8th!

As the flying season starts to stabilize, we look to making the field ready for the upcoming flying season.

With COVID-19 and the reduced wear-and-tear from last year, preparation will not likely be as great as it has in the past, however there are things that need to be done.

This year will not require a huge amount of effort. Our focus will lie mainly on repair of our pit tables, general clean up of the common areas, runway clean up, raking gravel out of the grass back to the parking areas, and the acquisition

and exterior mounting of a new fire extinguisher.

Mike Batson will be in charge of the detail work so please see him with work assignments.

When you come out to the field, if you have a rake please bring it. We'll also need a couple of

(See FIELD CLEANUP on page 4)

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414-358-1078

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bob@flying3drc.com
414-327-5830

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.flyingelectronics.com

Monthly Club Meetings Restored!

The membership has not convened for a monthly meeting since the outbreak of COVID-19 back in March 2020.

As the pandemic starts to submit to vaccines, continued vigilance using masks and sanitary practices, we hope to have our first "monthly club meeting" at our 60th Anniversary Event at the field.

This restored club meeting will be held in an "open air" setting and not take much in the way of your time. The board simply wants to update you on our financial state of affairs and our intentions regarding future events and enhancements at the airfield.

During this meeting we'll share what we've been doing over the last year to help keep the club healthy and solvent, and what additions we are trying to imple-

ment to continue this status.

We'll explain our new field management practices headed by Mike Batson and what you can do to help.

We'll also update you on our efforts to bring new people into the hobby, how they are doing and our efforts with schools to bring younger individuals into the hobby as well.

I hope you'll attend our 60th Anniversary celebration. It's unfortunate that we had to cancel it in 2020, but I hope you'll reconsider it this year.

Learn more about what's in store in our next newsletter.

Thanks,

Tom Jacobs
President

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 Saturday, June 26th

During Our
60th Anniversary Event
10AM to 2PM

Where:

At Tamarac Airfield

Bring a Friend and/or a Plane to Show & Tell

FIELD CLEANUP *Continued from page*

cordless power tools such as drills for driving screws. Mike will have screws and bits for drill drivers.

Members may be asked to walk the runway to collect and clear debris, as well as sweep off concrete areas.

Because no food service events are scheduled until Late June, the concession stand will be cleared and sanitized at a later date, but complementary coffee and donuts will be available while supply lasts.

With the passing of Bob Scrip, we sent our club mower in for a routine service check. We had thought that the mower might be out for a few weeks but the good news is, it's now back and we are putting it to use. I actually mowed the field myself to check out how it ran after service. We

believe that it still needs some attention, so I'm going to have it picked up again and have the carburetor and fuel system totally checked out.

We have a team of volunteers that will be handling the field mowing and trimming. I will be working with Mike to set up an online rotation schedule. More to come on that a little later.

Possible Weather Station in Club's Future

We're making progress on establishing a weather station at the airfield.

Mark Polzin is researching and testing a similar framework used at the Fond du Lac field, and has secured some components that may work for us at the field. In addition to weather at the field he has introduced a camera

which will take snapshots at timed intervals.

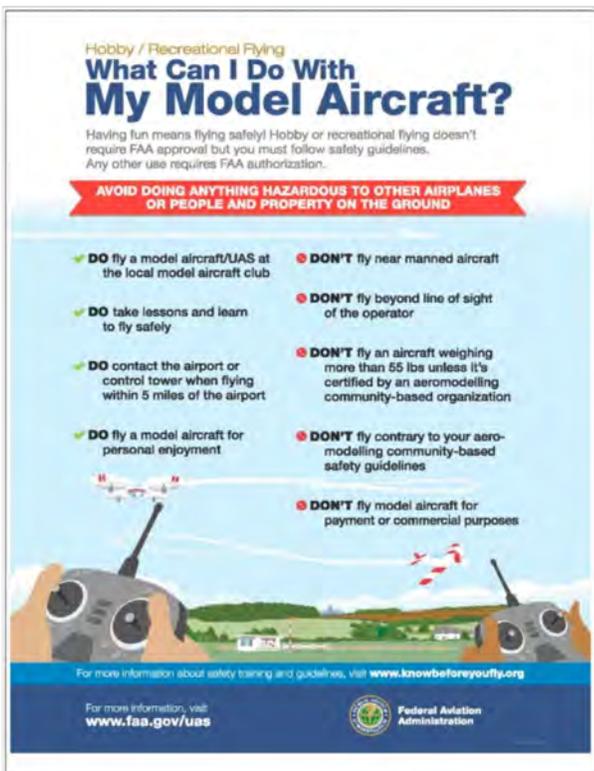
It's currently under testing and I hope to report more on its success in our next newsletter, so watch for that.

A Special Thanks to Dave Schroeder

Dave Schroeder, as a previous board member, handled a lot of general field preparation in the past. Although he's no longer a board member, he continues to support the club by providing field maintenance which makes everyone's life a little easier.

Dave has already replaced piping, raised the windsocks, stained the barricade and ordered a new "Flying Electron's" sign for the field.

Thanks Dave, we really appreciate your continued efforts!



Be Prepared for Emergencies!

Emergencies at the field can require a quick response. Be informed so you can give authorities the information they need to respond.

Tamarack Field
N61 W17000 Kohler Lane

FIRST AID BOX
(Located on the North Side of the Building)

**Contact Police or Fire
by Dialing 911**

Community Memorial Hospital
W180 N8085 Town Hall Road
Menomonee Falls
262.251.1000

Charging Station Upgrade



Early this year, several members at the field observed that the existing charging tables were not surviving the Wisconsin weather very well.



Pilots at the field began to notice that platforms were beginning to split and delaminate. The previous year, one platform was replaced using a composite material and it was surviving well.

The team decided to replace all remaining stations with the same material.

The work was completed in one

afternoon and now members have rock-solid platforms for charging batteries.

What Happened Next?

Just one week after the big fire at the airfield, a member's LiPo pack under charge, caught fire on one of the platforms.

Everyone scrambled to get the fire out and the inflamed battery packs were shuffled off the platform.

However, there was significant damage. The new platform was deeply charred. One could feel the damage deep into the surface of the platform.

After reviewing the damage myself, I thought the station would have to be replaced.

But wait!

Tom Johnson brought a rapid orbital sander to the field, and with quick work, resurfaced the platform like new.

I was certain that it couldn't be saved but he did it.

Now it looks like new!

This is proof that the new platforms are built from "the right stuff!"

Member Recognition!

Not many club members know what is happening at the field each day.

However, there are a group of



pilots that come to the field each day and notice things that should be fixed, changed or repaired.

They either take it upon themselves to "just do it!" or get in touch with me to find a way to remedy the situation.

If you don't visit the field often, you wouldn't notice the repairs, improvements and work that gets done on its own by these guys.

I won't name them here and now, but I want to recognize them in the future for what they've done for the club so everyone knows the contributions they have made.

TJ



Don't Try This at Home!

This is Brendan Weinstein, a 29 year old wingsuit pilot, the mountain Brendan is flying down is Le Pleureur, located in Switzerland, and the dam is called Mauvoisin Dam .

Brendan said , he has been making this jump for 2 years with one goal, to build up enough speed, to buzz the lake and fly over the wall of the dam at the end, and it took him 28 flights to figure it all out.

Brendan runs the company BaseBeta which is dedicated to serving base jumpers, and has done roughly 1200 wingsuit flights, 700 base jumps, and 800 skydives and spent 2 years preparing for this flight with fellow jumpers.

[High Speed Wingsuit Pilot](#)



High Power Rocket Plane MK2 (Build & Launch)

RC controlled "rocket plane" build and flight videos from ProjectAir. In a quest for speed, ProjectAir constructs and tests high speed RC aircraft to include a variety of launch techniques.

[Building a High Speed RC Rocket Plane](#)

[Launch Test - Part 1](#)

[Launch Test - Part 2](#)



Building and Flying A Monster Size P-51 Mustang Constructed from Foam Core

Large scale P51-D Mustang built from foam core. Great tips for creating a large-scale military aircraft that is rock solid.

[P51-D Monster Build](#)

(PREFLIGHT *Continued from page 1)*



The photo at left shows how the fire made its way to the north side of our field. The path it took ran north from both the east and west side to join at the swamp area north of the airfield.

Our airfield is located to the right in this photo, and fire trucks are shown lower left traveling north using the back access road to attempt to mitigate the fire.

ardly with a major fire that not only surrounded the field but threatened homes both east and west of Marcy Road.

The weather had been dry for some time and a few members were at the field flying when fire erupted from sparks generated by the wheels of a passing train.

Ed Malec, Mark Polzin, Tom Johnson were present for the start-up of the blaze that ran along the railroad tracks and continued west to Marcy road.

Members called 911 to report the fire. Trucks began arriving and club members were asked to leave the area.

The event became a 5-alarm fire with trucks as far away as Mequon responding with tankers that stood in line to fill up at the Falls water tower and rush to the scene at the field.

The fire quickly traversed the hill south of our parking area and began heading for our structures. Ed Malec retrieved the fire extinguisher from the shed to defend

the territory while Marc Polzin ran to Karl’s Country Market to get the ingredients to make “smores.”

All joking aside, the club could have lost the structures at the field. As it happens, the fire traveled the perimeter of the airfield and began moving northward into Tamarac park.

Yes, Tamarac Park; the home of many lost aircraft, some of which are mine.

Several arial photos were taken while the fire was underway. This is not the first time we’ve had a fire at the field as a result of train sparks. And, it won’t be the last.

I’m just glad that we had members at the field and they quickly alerted the fire department. To contain the blaze.

Mequon Builder’s Workshop Cancelled Due to COVID Response

Due to continued COVID concern, our Mequon Builder’s Workshop was cancelled this year.

Parental concerns continue to hold back group activities for the 2021 flying season

This is also true for our 2021 AirFest Event this year. According to troop leader, Tim Steinke, parents of the scouts want to err on the side of caution until everyone is vaccinated.

I couldn’t agree more with their decision and we look forward to having them back in 2022.

Upcoming Events

Based on your responses to our recently released survey, we hope to hold at least three (3) events this year in some form as follows:

- 1. 60th Anniversary Event
- 2. Scale Event
- 3. Electric Event

We’ll do our best to make them fun and exciting. Watch your email and the next newsletter for details.

TJ

Regional Club Activities



The Astrowings Invite You to Join The RealFlight "Wednesday Night Fights!"

Steve Tarney, a member of both the AstroWings and the Flying Electrons, has invited Electron members to join AstroWing RealFlight pilots in virtual combat.

The club meets virtually every Wednesday night at 7:00PM using RealFlight's "multiplayer" feature and your broadband internet connection.

It appears that any version of RealFlight that provides the "multiplayer" feature will work to get you "in the game!"

Here are the details:

Schedule:

Day: **Wednesdays**

Time: **7:00PM**

Login Procedure:

1. Open Real Flight then click Multiplayer > Join

2. Select **AW21** and then enter password "**flight1**"

Click "**Connect**"

According to Ed Malec, "There are a tremendous variety of planes, weapons, flying sites that the AstroWings host will select. If you have a microphone, please use that and join the 'trash talk' we all give each other. Otherwise, you can use a keyboard to "harass" the enemy."

He goes on to say, "There are multiple setups and conditions. We have even flown non-scoring rounds, flown at night, with rockets, machine guns, done streamer cut combat ... the variety is just about endless. It WILL improve your concentration, and flying skills. Cockpit view or chase views are recommended."

Ed's Setup Tips:

Turn down your graphics if things get jerky on the screen. Set up a name so we know who you are. Bring up a score box so you know how well you're doing in real time. You may also want to practice using the challenges available in Real Flight, especially 'ring racing' as we often combine ring racing with combat.

I suggest that you give it a try. Stay as long as you want, or, until you shoot down the last participant.



Take Notice of the Upcoming "Sky Ranch Flyers" Event

Sky Ranch Flyers will be having a "Pilots-Only" Fun Fly on Saturday June 26th. We will not be having our typical air show with the public due to COVID. However, we would love to have **Electron members are invited** to stop by our field and get a few flights in with us!

Schedule Details:

Saturday, June 26th, 2021
Starts at 8:00AM

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 Tamarac 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.



The Flying Electrons of Menomonee Falls Present

AMA Sanction No. 11489

Our 2021 RC Scale Festival

Sunday July 11th, 2021

All SCALE Radio Controlled Model
Aircraft are Welcome.

FLY OR DISPLAY!



**Spectators
Welcome!**

Registration starts at 8:30AM

Flying from 9:00AM to 2:00PM

**AMA Membership required to
FLY or SHOW.**

All flying aircraft must be test flown prior to
this event, no test flights please

\$7.00 Landing Fee.

**Maximum 3 Aircraft allowed to
compete for Cash.**

Great Food On Site with FREE Parking!

*(Scale Documentation would be nice but not a
requirement to enter)*

Event Information

- All Scale Aircraft are Welcome
- Cash Prizes Awarded, over 9 FUN SCALE Categories
- Best Flying Scale - \$20 for each WWI, WWII, SPORT, and Jet
- Best Scale Built from Kit, all types - \$20.00
- Best Flying ARF (Almost Ready to Fly) "ARFmanship" - \$20.00
- Best Flying Scale Performance by an Electric - \$20.00
- Best Flying Scale "SCRATCH" built - \$20.00
- Best Static Scale "Hanger Queen" - \$20.00

(All prizes will be awarded at 2:00PM)

For more information contact: Chris Milbauer, Phone: 414.750.2740, Email: chrismilb@att.net
Check the Flying Electrons website for more details at www.flyingelectrons.com

LOCATION: N61W17000 Kohler Lane, Menomonee Falls, WI 53051

From Hwy 41, take Siler Spring Drive Exit and go West. At Pilgrim Road, turn North. Take Shawn Circle East, then left onto Kohler Lane to the Water Tower. Look for signs directing you to the airfield.

NEW MEMBER APPLICATION

You must include a photocopy of your AMA card to receive your membership card!

- 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 NUMBER: _____ FAA NUMBER: _____

(Please include copies of both cards)

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL: _____

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

RADIO CHANNELS CURRENTLY USING: _____, _____, _____, 2.4 GHz: _____

SPONSOR (Required for new membership): _____

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

Signature: _____ Date: ____/____/____

Make checks payable to The Flying Electrons, Inc.
 Mail to: The Flying Electrons
 Chris Milbauer
 4952 N 106th Street, Milwaukee, WI 53225
 414-750-2740
 chrismilb@att.net
 Academy of Model Aeronautics, 1-800-1 FLY AMA, www.modelaircraft.org

The Flying Electrons Inc., www.flyingelectrons.com

MEMBERSHIP FEES AND TERMS

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 Academy (IP Qualified)	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.

2021 Flying Electrons & Local Area Events Calendar

Date	Time	Event	Location/Club
Saturdays, May 1st thru June 5th	10AM to 12:00PM	Builders Workshop	Mequon Recreation Center
Saturday, May 8th to 15th	8AM to Noon	Field Clean up	Flying Electron's Airfield
Sunday, June 6th		Control Line Open Fun Fly	Circle Master's Flying Club
Saturday, June 12th		Open Fun Fly	Fon du Lac Aeromodeler's Assoc.
Saturday, June 19th	9AM to 2PM	BWS Flight Training, IP sign-ups, Education Event	Flying Electron's Airfield
Saturday, June 26th	9AM to 2PM	Club Fun Fly, 60th Anniversary Celebration, First Club Meeting	Flying Electron's Airfield
Sunday, June 27th	9AM to 2PM	(Above rain date)	Flying Electron's Airfield
Saturday, June 26th		Fun Fly	Sky Ranch Flyers
Saturday, July 10th		Charity Fun Fly	Astrowings of Wisconsin
Sunday, July 11th	8AM to 2PM	Scale Event	Flying Electrons Airfield
Sunday, July 11th	TBD	Club Meeting	Flying Electron's Airfield
Sunday, July 18th	8AM to 2PM	Electric Event	Flying Electron's Airfield
Saturday, July 24th		Fly-in	Lakeland RC Club
Monday, July 26th thru August 1st		EAA Kid Venture	Oshkosh
Monday, Aug 2nd thru Aug 6th	9AM to Noon	5-Day Builders Workshop	University School of Milwaukee
Saturday, Aug 7th		Float Fly	DNR Bong Recreation Area
Sunday, Aug 8th		Annual Radio Control Contest	Circle Masters Club
Sunday, Aug 8th	TBD	Club Meeting	Flying Electron's Airfield
Thursday, Aug 19th to 22nd	8AM Daily	Warbirds & Classics	Fond du Lac Aeromodeler's
Saturday, Aug 21st		Friend Fly (Rain Date Aug 22nd)	SWARM
Sunday, Aug 22nd		Wellnitz Memorial Open Fun Fly	Fond du Lac Aeromodeler's
Sunday, Aug 22nd		Open House	Racine RC Club
Wednesday, Aug 25th	9AM	Jim Wahner Dead Chicken	Flying Electron's Airfield
Saturday, Aug 28th	8AM to 2PM	Airfest 2019	Flying Electron's Airfield
Saturday, Aug 29th	8AM to 2PM	Airfest 2019 (rain date)	Flying Electron's Airfield
Saturday, Aug 28th thru 29th		Demo Flying	Circle Master's Flying Club
Saturday, Sept 11th	8AM	Swap Meet	Flying Electron's Airfield
Sunday, Sept 12th	8AM	Swap Meet (Rain Date)	Flying Electron's Airfield
Sunday, Sept 12th	TBD	Club Meeting	Flying Electron's Airfield
Sunday, Sept 12th		Open House - Pancake Breakfast	Watertown Aeromodelers
Saturday, Sept 18th - 19th	8AM	Pattern Contest	Flying Electron's Airfield
Saturday, Sept 25th thru 26th		Maker's Fair	Wisconsin State Fair Grounds
Sunday, Sept 26th	9AM to 2PM	Franken-Plane and Build & Fly	Flying Electron's Airfield
Saturday, Oct 9th		Collecto & Hobby Swap Meet	Model Engine Collectors Assoc.
Sunday, Oct 10th	TBD	Club Meeting	TBD
Sunday, Nov 14th	TBD	Club Meeting (Elections)	TBD
Sunday, Dec 5th	5PM	Club Holiday Dinner	TBD