

Flypaper 2019

**Official Newsletter of
The Flying Electrons of Menomonee Falls**

Our Mission: To advance the RC flying hobby by providing a safe and enjoyable environment for RC pilots of all skill levels.



President's Preflight



The editorial staff is preparing for the holidays, so this edition of Flypaper may be somewhat shorter than usual (ha ha.)

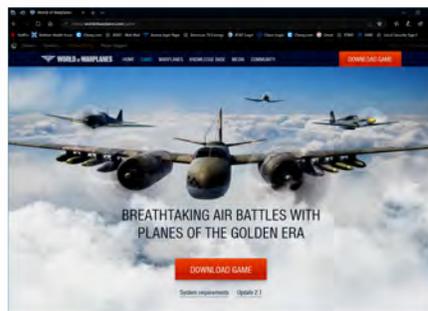
First, I would like to welcome Mike Batson to the board as Director filling the vacancy left by Dave Schroeder. Dave served over the last two years and was responsible for a lot of work getting done behind the scenes throughout the year.

These things included management of maintenance at the field outside of runway and lawn care. He maintained the bulletin board on a regular basis and saw to it that general repairs to the shed were maintained.

In addition, Dave was a key figure in ensuring that our events were advertised through various media channels to receive public attention. Dave is stepping down this year to pursue other interests but will remain involved with the club.

Mike Batson joins the board as one of our first FPV representatives.

See **2019** on Page 4.



World of Warplanes

You can still fly with other members over the Winter.

Looking for a place to fly with other club members over the Winter months yet still stay warm and cozy? How about your own living room? If this appeals to you then check out World of Warplanes.

<https://worldofwarplanes.com/game>

Recently I signed up for World of Warplanes. This is an online game that is a spinoff of World of Tanks, a popular team gaming platform. I was impressed with the quality of the game and it's

options. One of the coolest things I discovered is that I can use my flight simulator controller to play the game making it a great Winter training activity as well.

In its basic form, the game is free with a limited selection of

See **Warplanes** on page 7

Issue Highlights

President's Preflight	1
World of Warplanes	1
New Years Chili Dump	2
Newsletter 2020	3
STEM Membership Academy	9
YouTube Corner	10
2019 Holiday Party	11
Member Minutes	14
Calendar of Events	17

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

VP, Safety Coordinator & Student Coordinator:
Ed Malec
mechanical.eddie@gmail.com
414-763-7707

Secretary: Chris Milbauer
chrismilb@att.net
414-750-2740

Treasurer: Tom Beyer
tomb@ptproductsinc.com
414-840-5243

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

Director: Mike Batson
mebatson@gmail.com
414-350-3803

Director: Kevin Malec
Kevin.010@gmail.com
414-763-7707

Director: Cliff Evans
cevans@wi.rr.com
414-378-5568

Milwaukee RC Association Rep. shuelsbeck@wi.rr.com
414-358-1078

Field Manager: Bob Scrip
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.flyingelectrons.com

New Years Day Chili Dump!



Ring in the New Year with other Flying Electron members at our annual New Year's Day Chili Dump.

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

Attendees are asked to bring a small pot of homemade chili as a contribution to the cause. The club will provide all sides and

fixings to include both hot chocolate and coffee.

We may even be graced with Mike Flemings fried chicken while supplies last.

Here are the details:

Date: New Years Day

Time: 8:00 AM to Noon

Place: Flying Electrons Airfield

Hope to see you there!

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, January 13th

7:00PM

De Marini's Restaurant

De Marini's Restaurant
N88 W15229 Main Street
Menomonee Falls, WI 53051

Bring a Friend or a Plane

Newsletter 2020



After taking a year to establish our new newsletter format and content, we're ready to take it to the next level as a club marketing tool.

Over this last year we've made an effort to make the newsletter more substantial and relevant. We know that not all of the content appeals to everyone in the club but generally, we've strived to provide something for everyone each month.

In the past, the newsletter has consisted mainly of the President's Preflight article followed by local

area event flyers and a calendar of events. In 2019 we've tried to include more information about the club by writing it in such a way that even "non-members" might consider it something worthwhile taking up.

Some new newsletter departments that have been added to the publication include; New Member Spotlight which introduces new members to the club. FAA Update which covers important changes that are taking

(See **Newsletter** on page 9)

Hobby / Recreational Flying
What Can I Do With My Model Aircraft?

Having fun means flying safely! Hobby or recreational flying doesn't require FAA approval but you must follow safety guidelines. Any other use requires FAA authorization.

AVOID DOING ANYTHING HAZARDOUS TO OTHER AIRPLANES OR PEOPLE AND PROPERTY ON THE GROUND

- ✓ **DO** fly a model aircraft/UAS at the local model aircraft club
- ✓ **DO** take lessons and learn to fly safely
- ✓ **DO** contact the airport or control tower when flying within 5 miles of the airport
- ✓ **DO** fly a model aircraft for personal enjoyment
- ✗ **DON'T** fly near manned aircraft
- ✗ **DON'T** fly beyond line of sight of the operator
- ✗ **DON'T** fly an aircraft weighing more than 55 lbs unless it's certified by an aeromodelling community-based organization
- ✗ **DON'T** fly contrary to your aeromodelling community-based safety guidelines
- ✗ **DON'T** fly model aircraft for payment or commercial purposes

For more information about safety training and guidelines, visit www.knowbeforeyoufly.org

For more information, visit www.faa.gov/uas



Federal Aviation Administration

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

(2019 Continued)

Mike was one of the original team of members to help us carve out the field rules for FPV at the club. He is also one of three current members that have been assigned instructor status, so if you're interested in becoming a certified FPV pilot at the field, be sure to see Mike.

Over this last year we've tried to tackle a number of new projects, and we nearly accomplished all of them. Here is a running list of accomplishments and some background on each of them.



Builder's Workshop



We added a Builder's Workshop to our spring activities to attract young people into the hobby.

Our first attempt didn't draw a large group mainly due to the cost of the program (\$179.00 plus) but this year we hope to have the costs down to under \$99.00 per student. This should lift the barrier for those that weren't able to afford the workshop in the past and generate a greater turnout.



Continued Local Area School Engagements

We've attempted to broaden our scope to include other schools in the local area. This



has led to making connections with local PTO's to generate support for both our Education Event and our Builder's Workshops.



Introductory Pilot (IP) Program



Later this season we implemented the Introductory Pilot Program.

This program is made available by the AMA to help support recruiting efforts for the club and model aviation in general. This year, although late in the season, we were able to enlist nine individuals into the program of which four have be-

come club members with a couple of more yet intending to join.

Repurposed Club Newsletter

Although it's still in its development stages the club newsletter has been expanded beyond the Presidents Preflight article to include a broader selection of topics which focus on



(Continued next page)

various areas of interest. We hope to keep this going in 2020 and to fine tune the content by adding a section called "Getting Started in RC". This section will interest non-members and help support our club recruiting efforts throughout the year.

model aircraft that should be recognized.

Field Grass Catcher



Listening to what club members had to say about the field conditions, the club purchased a grass catcher to re-

while in the air as it changes from time to time.

Radio Advertising & Signage

This year we experimented with radio advertising to support our charity event. We had hoped that it might boost attendance but the results were not impressive. We also increased our event road signage to include traffic signage on the east corner of Pilgrim and Kendel Rd. giving us more coverage for our major events.



Upgraded Charging Stations

Prior to 2019 the club had a great charging station setup at the field. Once it reached capacity, expansion was necessary to see that it met the growing demands and more robust requirements of the larger Lipo battery packs. Mark Polzin stepped up this year to reengineer and upgrade the charging system at the field making it one the best systems in the entire state, and possibly, anywhere in the country. Mark put a lot of time and much his own money into designing, building and in-

Ten Great Events in 2019

All events for 2019 were well attended and successful. This year we added a full size helicopter to our charity event and introduced a new club member event called "Builder's Challenge" to encourage and recognize design engineering and building skills. This new event was held in concert with our FrankenPlane event and demonstrated that there is an interest by club members in designing and building

move clippings from the main runway which would normally cause problems for EDF aircraft and large turbine powered jets. Although we haven't official employed this tool as of yet, it stands ready for use supporting our major club events.

New Windsocks



Members will note two additional windsocks added to the field fence at the east and west ends of the main field. These socks make it a little easier for pilots to check wind direction

(Continued next page)



The bad news is that there have been no registered interference issues reporting to date at the field but, the good news is that there have been no interference issues reported to date at the field.

The jury is still out on whether we truly have interference at the field or not. We will continue to make the Incident Reporting System available to members for the 2020 season.



FPV Added to the Field

NEW! After years of discussion, we added FPV to the field. Three competent members were brought together to fashion a set of rules for FPV flight and develop a certification to pilot program supporting this platform. Although the FPV interest is low in number at this time, it is expected to grow rapidly in the coming years and introduce a new category of members to the club.

stalling the system along with the help of other key FE members.

NEW! **Incident Reporting System**
For years club members have been concerned that there may be signal interference issues at the field. This year we implemented a website to collect data associated with reported field interference.

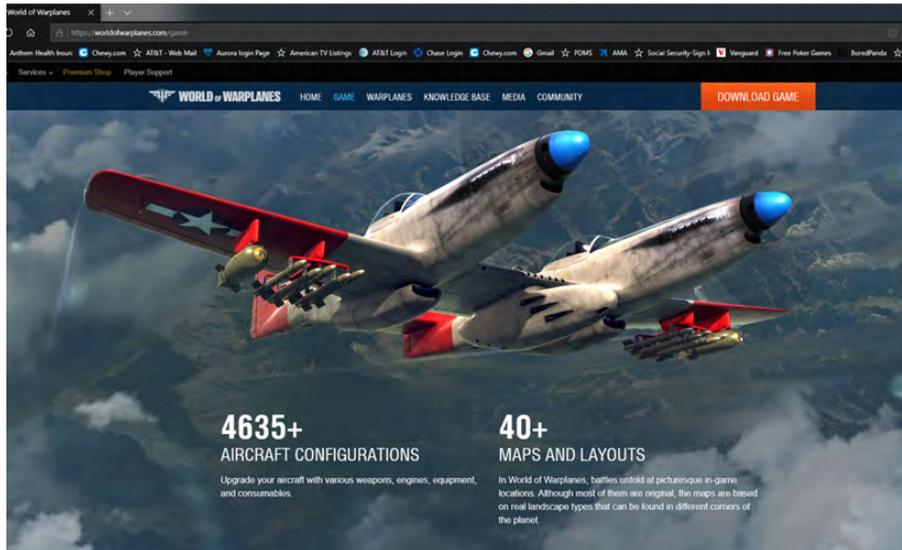
STEM Student Membership Academy

NEW! Late this year we introduced a new student recruiting program designed to work in concert with the AMA's youth membership program. This program offers students, under the age of 18 FREE membership in the club as a student scholarship when they complete our Introductory Pilot Program. This new program will be introduced to schools and school administrators during our spring career day presentations. This will be run as a pilot program for the 2020 season and be re-evaluated for success. It's our hope that students with an interest in model aviation will find this to be a low cost way to enter the hobby and learn from other club members at the field.

This covers what we've accomplished over the last year. As we look back there is a lot here and it has been only through the combined efforts of volunteers within the club that these things have come to fruition.

My sincere thanks to everyone that have played a contributing role in getting all this valuable work done in 2019.

(Warplanes Continued)



vintage aircraft from which to choose. So, you can install the game and fly using your standard flight controller if you have one, any number of game pads or the keyboard itself. Advancing to other features in the game comes with some cost.

One of the other features is that you can create a group of pilots to fly with, including other Flying Electronics club members that may want to participate. I'm still researching these game options so I'll have more in an upcoming edition of the newsletter.



All activities are handled in the hangar (shown above.) From this screen you can select a FREE aircraft and conduct mission practice.

other during raids and missions. I'm still learning how to navigate through the game in my spare time and there is a training option which allows you to learn at your own pace.

When you first start out, you're offered a selection of 4 to 5 vintage aircraft to fly. There are over 240 aircraft from which to select and are available for purchase. Costs for additional aircraft run anywhere from \$4.50 to \$30.00 depending on the type and sophistication. Additionally you can earn credits for successful missions which can be used toward the purchase of new aircraft.

Here are some of the specs required for the game.

Wargaming Game Center

For downloading and installing the game client, Game Center will be downloaded and installed. Game Center is an application that allows you to manage Warg games and stay up to date with the latest news about them.

World of Warplanes Monitor

The automatic collection of data about critical errors is implemented in the game client. The data collection system tracks the game performance, records critical errors, and collects data for analysis using the automatically launched WorldOfWarplanes-Monitor application. The system works without user intervention.

Collected data:

- Client log files (if critical errors occur)
- Client crash dump files (if critical errors occur)
- Information about hardware and the operating system

(Continued next page)

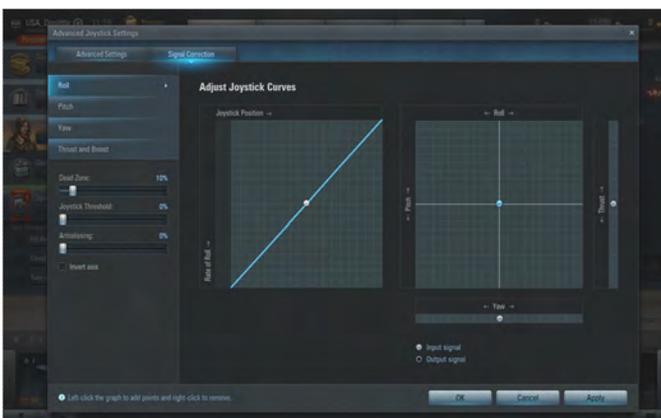
The system does not collect any other data, besides the data specified above, outside the game client environment. The data is transferred using a secure connection. All collected data is consistent with the Wargaming.net Privacy and Cookie Policy.

Setting Up Your Controller

Here is some assistance in setting up your controller.

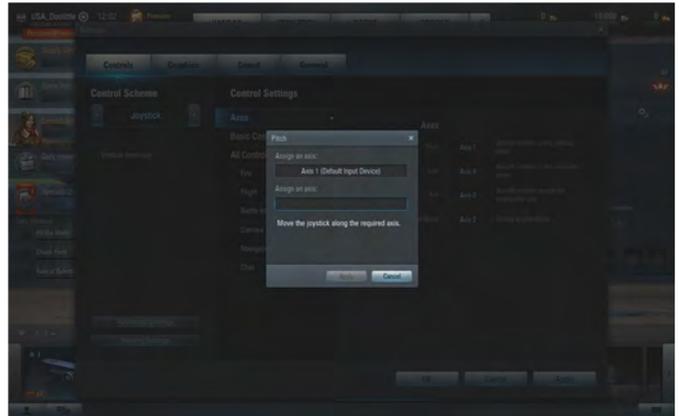


Plug in your controller, start your computer and then go to the Hanger. Start the program and then select the Settings icon on the top right of the screen. Select Controllers and then select Joystick from the dropdown menu. Click on Advanced Settings and



select "Custom" from the dropdown menu. Next, select Signal Connection. Check the actions of your controller to determine which controls are either not working or may be working backwards.

Select the appropriate stick control at left for each test and then check each stick movement. If you find that one stick action is not working properly, click Apply and OK to return to the previous screen.



Select one of the windows representing the stick in question and a new screen will pop up.

Click in the "Assign Axis" box and then move the appropriate stick. The stick should then be assigned to the gaming port as required. If one or more sticks are assigned wrongly you may need to reset the entire game and return to the factory settings for the game. Just reset the game and reassign the stick actions.

When flying you should have control of roll, pitch, yaw and high speed. The battles begin in the air so the lowest threshold of thrust will be about 40% rather than zero. The throttle stick will allow you to increase airspeed as necessary. To fire at the enemy you can press the space bar (my controller also responded with a switch that controlled the guns.)

Give it a try. It's FREE!

Maybe we can establish a team of fliers to compete over the Winter months.

Let me know if you're interested in trying this at tjacobs421@att.net. Maybe we can put together a team.

STEM Membership Academy



The STEM Membership Academy is a new board supported scholarship program for students interested in becoming involved in model aviation.

As a pilot program for the 2020 season, the program hopes to remove the financial barriers associated with the cost of entry into the hobby by piggybacking on the AMA's youth membership program.

Under this program, students will sign up for the scholarship, enroll in the AMA's youth membership program and acquire their FAA registration number. Our Student Coordinator will assist students in completing all these tasks.

Interested students will then commit to completing our Introductory Pilot Program and once certified, apply for STEM Club Mem-

bership which grants that full rights to club membership (with the exception of voting.)

As long as students remain active in the club, seek membership renewal each year and they update their FAA and AMA memberships, their FREE membership will continue until they reach the age of 18.

Once they turn 18, they will be required to join the club as a dues paying member along with required memberships in both the AMA and FAA programs. Initiation fee will be waived.

It's our hope that students once they are immersed in the hobby, have acquired aircraft and equipment, they will stay with it, or, return to it at some later date like many of us have over the years.

(Newsletter Continued)

place and influence how we fly at the field. Our YouTube Corner brings fun and interesting links to members regarding the hobby and related topics.

In addition to this, we've tried to cover what the club is doing with its "Community Outreach Programs" and the progress we are making along the way. We've also tried to add "series articles" like our recent "3D Printing" series which shows what can be done with the technologies that are now present in our local area Middle Schools.

Overall, we've tried to expand reporting coverage of our events to include more visual imagery and a narrative to describe why these events are so worthwhile to attend as both members and spectators.

In 2020 we are going to make the newsletter more "public friendly," while still keeping in line with our need to service our membership. This means that you're going to see additional articles that address how one can easily get into the hobby.

We've started compiling email addresses from event attendees, students and parents of our community outreach programs.

It's our hope that the newsletter will start to become another channel for recruiting new members in the future.

If you know of someone that might enjoy receiving our newsletter, please send along their email address and I'll add them to the list.



Winter Storage Tips for LiPo Battery Packs

By Holger Petersen



The weather has turned much colder and your enthusiasm for outdoor RC flying at this point may have become significantly reduced. If you fly electric with LIPO batteries now is the time to take some special precautions! Greg Cholka recently sent an email to all Pebble Creek members with a YouTube video link. The title of the video is **"The 10 Most Dangerous LIPO Mistakes"**

<https://youtu.be/JrLe6PRhyo>.

Although much of the information may be already known to you, check it out anyway.

The described video caused me to recheck every one of the 14 or so assorted types of LIPO batteries that I use with my various electric planes (3S through 6S). I found several that were at full charge (98%). Not planning to utilize them until spring 2020, I took them down to a 'storage charge' which was roughly 50%

of capacity. My winter flying planes utilize 3S LIPOs, which I will take from 50% charge to full charge before leaving for the field.

I will also indicate that the recommendation to place your LIPO batteries in a storage charge state (from fully charged) if they will not be utilized over a period of weeks or months is very controversial. Some so called tests (not conducted in a laboratory setting) have indicated that leav-

ing batteries at 'empty' (20% charge), or at 'storage charge' (roughly 3.8V per cell) or at 'full charge' had little noticeable effect on battery degrading or on battery capacity when charged back up to full capacity. Since I live in an apartment setting, I keep everything at 'storage' capacity if only to reduce the risk of a LIPO fire.

While you are at it, check your bloated LIPO batteries. If excessive at this point, consider discharging them entirely and dispose. I've had several go up on me, thankfully while out at the field. I'm retiring one 4S this week as a precaution, even though it checks out fine, including its internal resistance (balanced).

Building Monster Planes from Foam Core



Take a look at these two videos and then set your sights on what you might be able to design, engineer and build for next year's "Builder's Challenge."

Included are some tips and techniques for making your first home built "giant foamie" a success.

<https://www.youtube.com/watch?v=xQI8fM8fQ7s>

<https://www.youtube.com/watch?v=DntBjIOZzKk>

2019 Holiday Party



This year's Holiday Party, held on December 4th was a lot of fun with some club members walking away with some great Christmas Gifts!

45 Members and guests attended the event held at Davian's hall in Menomonee Falls.

Cocktails and drinks were served at 5:00PM, followed by a combination sit-down/buffet dinner and selection of deserts. Following

dinner, Tom Jacobs walked through the club's events and accomplishments for 2019 using photos taken by Steve Huelsbeck throughout the season.

It all sounds relatively typical, right?

Well, this year was a little different. If you couldn't make it this year, here's what you missed.

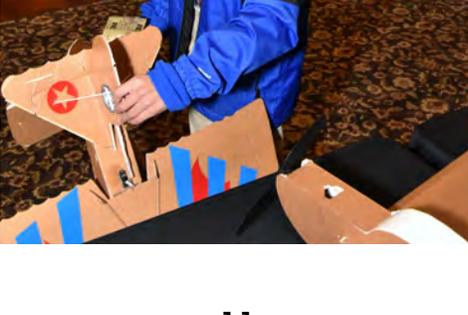
First of all, you missed meeting many of our newer members of the club so some of the faces in

these photos may not be familiar to you.

This year, my wife (June) took it upon herself to create a special grand prize raffle for the ladies, where previously there had been nothing.

She suggested an elegant Spa Gift Basket of all kinds of lady things that I can't even begin to describe.

(Continued next page)



I had recently received a donation from the family of a deceased model aviation enthusiast in the form of a .60 size Royal Air Force Spitfire. It had never been flown and was incredibly crafted and detailed.

Together, we developed a contest whereby one lucky lady and one lucky gentleman could win each of these. We called it "Who's Who?"

The idea was to successfully

match as many child photos with the correct adult photo of each current board member. We had some fun revealing who's who with some humorous anecdotes between each at the expense of each board member, myself included.

In the end everyone had some laughs and Carol Fette and Jeff Surges walked away with the top prize for the contest.

The ladies door prize raffle fol-

lowed where the club gave away ten, \$25.00 gift cards tucked nicely into seasonal boxes with additional gift items, also compliments of my wife June.

Honors were give to Dave Schroeder for his two years of board member service as he steps down this year; and to Ed Malec for his investment of time and effort in training students

(Continued next page)

Who's Who?
 Match the children's photo with the correct board member for a chance to win!
Men's Prize: .60 Size Royal Air Force Spitfire
Lady's Prize: Spa Treatment Gift Basket
 Get your entry forms at the display table near the bar. One entry per person. Ties will be determined by a drawing.

Use the form to make your selections and place it into the drop box located at main display table near the bar. All entries must be in before the close of dinner.



and making the IP Program a total success in 2019.

The evening closed with a huge raffle of items in every imaginable category from bags of parts to a DLE 35 engine.

We're already in discussions on what to do for next year's holiday event. Everything is up for review in addition to considering going back to a weekend eve-

ning where it might make it possible for more members to attend.

We'll keep the club posted on our plans for 2020. Next year is the club's 60th Anniversary, so look for the celebrations to begin early this new year.

I want to thank everyone for all they've done throughout the year to make our club the success that it is. Our club is evolving both in

what we bring to the field and in who's bringing it.

We have a lot of new faces in the club this year and it's great to see this kind of interest in the hobby.

Congratulations to everyone on a great year, and here's wishing all of you a Merry Christmas and a Happy New Year.



MEETING MINUTES

The Flying Electrons Membership Meeting Minutes (November 2019)

Meeting called to order at 7:30 PM by President Tom Jacobs

Attendee Count: 20 members

Mini-Swap Items Available: none

New Members in Attendance (last 30 days): None

Guests: 1-Mary Zahorik

Promotions: None

August Minutes Approval: Minutes were approved

Veteran Thank you

All the Veterans present were asked to stand, and were given a round of applause for their service.

Treasurer's Report

Tom Beyer reported Expenses, Income and Total Club funds

Secretary's Report on memberships

Chris Milbauer reported Membership of 132. Renewals of 37 for 2020

Clothing Sales

- Combat T-shirts here for distribution
- Regular club shirts and hats on hand for sale

FAA Updates: None

(FREE) PicaSim flight simulator

Connections for all types' transmitters are available online.

Past and Upcoming Events

- Holiday Party on December 4th
- Last day for reservations is November 22nd

Old Business

RC Association Meeting Recap

- Steve Huelsbeck review the minutes from the meeting.
- There is an extreme need for volunteers for The RC Association swap meet.
- Volunteers get free admission for 2 hours work.

- Contact Laurie Jones at 414-461-6013 to volunteer of to reserve a table.

New Business

Additional Board member nominations: None

A motion was made to except the slate of candidates since none of the seat were challenged. The motion passed on a voice vote.

The 2020 Flying Electron Officers:

President, Thomas Jacobs

Vice President and Safety Officer, Ed Malec

Treasurer, Thomas Beyer

Secretary, Christopher Milbauer

Board Members:

Kevin Malec

Steve Huelsbeck

Mike Batson

Cliff Evans

STEM Student Membership Academy

Community Outreach Programs

- 2018 Education Event
- 2019 Builder's Workshop

What we've learned

- Be very careful how we convey our message
- School policies against outside involvement
- Overriding perception, we're simply trying to increase membership revenues

Our Continued Objectives

- Engage students in the hobby of model aviation
- Make it easier economically to participate
- Find a way to partner with schools

What Next?

- The 3rd leg of the stool
- 2020 STEM Membership Academy
- Springs from the AMA Membership Program
- FREE membership up to 18 years of age

- Insurance coverage at CBO airfields
- Satisfies one of our requirements for club membership

Our Plan

- Create a STEM Membership "Scholarship" Program
- One Year Pilot Program
- Designed to attract new young students to the hobby
- Offers FREE club membership to students under the age of 18
- Students must successfully complete our IP program to qualify for the scholarship
- Student members receive full club benefits (exception of voting rights)
- Does not cost a our club anything to implement

Student Membership Benefits

- Earn pilot's license while learning at your own pace
- Use of a state-of-the-art airfield for training & flying
- Ongoing access to instructors
- Access to available builder's workshops
- Education on airfield protocols and safety procedures
- Learn aerobatic techniques
- Participate in club activities and events
- Monthly club newsletter

Open Forum Issues

Ryan Ocampo reports issues with 3D printer files from "Thingiverse"

Raffle

Tom Beyer - Camera

Cliff Evans - Servo wirers

Steve Huelsbeck - Solder jig

Jeff Surges - Watt meter

Next Meeting - Sunday, January 13th, 7:00PM

Meeting adjourn at 8:30 pm

Submitted by:

Christopher Milbauer

Secretary

Flying Electrons

11/18/19

Show & Tell



Judah "little dude" Obregon -

Carbon Cub 1.3 meter RTF DX6 radio with added floats



Ryan Ocampo -

Flite Test Twin Sparrow kit, 2 gremlin motors, 5 gram servos, DX6 radio, good FPV plane



Ryan Ocampo -

Balsa USA Stick 40 kit OS FS 61 4 stroke glow



Ed Malec-

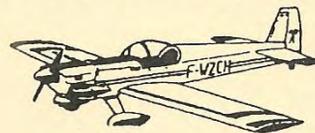
"Overboard" Homemade from spare parts

R/C 42nd ANNUAL
AUCTION
& SWAP SHOP



SUNDAY
JANUARY 26th, 2020

MILWAUKEE, WISCONSIN



Sponsored by
MILWAUKEE R/C ASSOCIATION



Chapter #7

ADMISSION: \$5.00 ADULTS
(UNDER 16 FREE)

SWAP SHOP: 9:00-2:00
NO SELLING before 9:00 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.

During Vendor setup time - Only Vendors will be allowed entry
 Table Admission Regulations: 2 admissions per table allowed, but not required. There will be no admission exceptions, please plan accordingly.

Contact event Coordinator Laurie for table reservations and questions at 414-461-6013 or email onehobby@happyhobby.com

FOOD – BEVERAGES – AMPLE PARKING

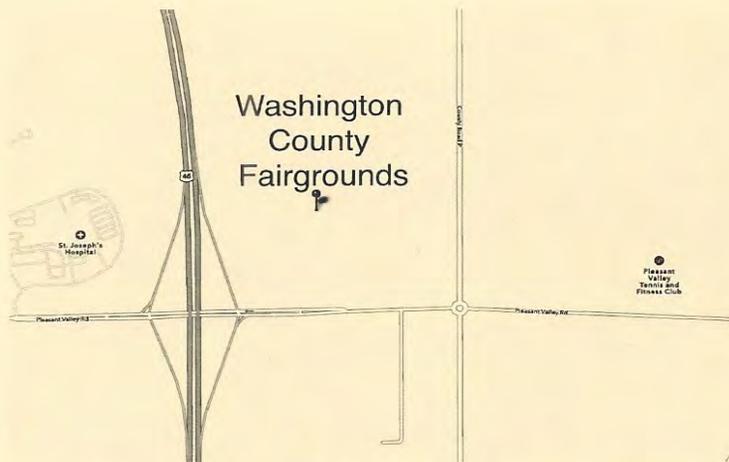
RAFFLE immediately after auction

Vist 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 Kontrol Society (MARKS) Club; Flying Electrons, Inc; Pebble Creek Flyers, Inc; Racine R/C Club, Inc; Rainbow Aero Modelers Society (RAMS) Club; Rubicon Area Flyers (RAF) Club; Sea Turkeys Assoc. Racing Team (START) Club; SE Wis. Area Rotary Modelers (SWARM); Sky Ranch Flyers; Watertown Aeromodelers R/C Club.

AFFILIATE CLUBS; Bong Eagles; Circlemasters Flying Club; IPMS: Richard L. Bong Chapter; Model Engine Collectors Assciaton (MECA).



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

2019 Flying Electrons & Local Area Events Calendar

Date	Time	Event	Club
Tuesday, January 1st	8AM to 11AM	Chili Dump	Flying Electron's Airfield
Sunday, January 13th	7PM	Club Meeting	De Marini's
Sunday, January 27th	9AM to 2PM	RC Association Swap Meet	Washington County Fairgrounds www.facebook.com/milwaukeeercassociation
Sunday, February 10th	7PM	Club Meeting	De Marini's
Sunday, March 10th	7PM	Club Meeting	De Marini's
Saturday, April 6th		Model Engine Collector's. Swap Meet	Model Engine Collector's Assoc. http://www.modelenginecollectors.org/
Saturdays, April 6th to May 18th	10AM to 11:30AM	Builders Workshops	Menomonee Falls Recreation Center
Sunday, April 14th	7PM	Club Meeting	De Marini's
Saturday, May 4th	8AM to Noon	Field Clean up	Flying Electron's Airfield
Sunday, May 5th	7PM	Club Meeting	De Marini's
Saturday, May 18th	9AM to 2PM	Education STEM Event	Flying Electron's Airfield
Sunday, May 19th		Badger Season Open Racer	Badger RC Boat Club http://www.badgerboaters.com/
Sunday, May 19th	9AM to 2PM	STEM Event (Rain Date)	Flying Electron's Airfield
Saturday, June 1st	9AM to 2PM	Club Fun Fly	Flying Electron's Airfield
Sunday, June 2nd	TBD	Annual Control Line Contest	Circle Master's Flying Club http://www.circlemasters.com/
Sunday, June 9th	7PM	Club Meeting	De Marini's
Saturday, June 15th	TBD	Open Fun Fly	Fond du Lac Aeromodeler's Assoc., Wellnitz Field http://www.fdlaa.com/
Saturday, June 22nd	TBD	Fun Fly	Sky Ranch Flyers
Sunday, June 23rd	8AM to 2PM	Electric Event	Flying Electrons Airfield
Sunday, July 7th	8AM to 2PM	Scale Event	Flying Electron's Airfield
Saturday, July 13th	TBD	Scale Fly-in	Astrowings of Wisconsin
Saturday, July 13th	TBD	Fun Fly	Pebble Creek Flyers
Sunday, July 14th	7PM	Club Meeting	De Marini's
Monday, July 22 thru 28th	TBD	EAA Airventure	Wittman Airport, Oshkosh https://commemorativeairforce.org/
Saturday, July 27th	TBD	Fly-in	Lakeland RC Club
Saturday, July 27th	TBD	Annual Badger Regatta	Badger RC Boat Club http://www.badgerboaters.com/
Saturday, August 10th	TBD	Float Fly DNR Bong	Milwaukee Area Radio Kontrol Society
Saturday, August 10th	TBD	Fun Fly	Rubican Area Flyers
Saturday, August 10th	TBD	Friend Fly	SWARM, Southeastern Wisconsin Area Rotary Modelers
Sunday, August 11th	7PM	Club Meeting	De Marini's
Thursday - Saturday August 15th-17th	8AM Daily	Warbirds and Classics	Fond du Lac Aeromodeler's Assoc., Wellnitz Field http://www.fdlaa.com/
Sunday, August 18th	8AM	Fond du Lac Fun Fly	Fond du Lac Aeromodeler's Assoc., Wellnitz Field http://www.fdlaa.com/
Thursday, August 22nd	9AM	Jim Wahner Dead Chicken	Flying Electron's Airfield
Saturday August 24th to 25th	TBD	Demo Flying	Circle Master's Flying Club http://www.circlemasters.com/

2019 Flying Electrons & Local Area Events Calendar (Continued)

Date	Time	Event	Club
Saturday, August 24th	8AM to 2PM	Airfest 2019	Flying Electron's Airfield
Sunday, August 25th	8AM to 2PM	Airfest 2019 (rain date)	Flying Electron's Airfield
Saturday, September 7th	8AM	Swap Meet	Flying Electron's Airfield
Sunday, September 8th	7PM	Club Meeting	De Marini's
Saturday & Sunday September 14th -15th	8AM	Pattern Contest	Flying Electron's Airfield
Saturday, September 28th	9AM to 2PM	Franken-Plane and Build & Fly Event	Flying Electron's Airfield
Saturday, 28th to 29th	8AM	Maker's Faire	Wisconsin County Fair Grounds
Sunday, October 13th	7PM	Club Meeting	De Marini's
Saturday, October 12th	TBD	Colletco & Hobby Swap Meet	Model Engine Collector's Assoc. http://www.modelenginecollectors.org/
Sunday, October 13th	TBD	Badger Annual Turkey Shoot Race	Badger RC Boat Club http://www.badgerboaters.com/
Sunday, November 10th	7PM	Club Meeting	De Marini's
Wednesday, December 4th	5PM	Club Holiday Dinner	Davian's