

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 season is coming to a close more quickly than I anticipated. Last year we had a few extra weeks of comfortable fly time but I was reminded that last year was something of an aberration. With the exception of some minor tasks, the field will be winterized in a couple of weeks.

If you venture to the field, you may notice that the gate has been further repaired by the Village. I had met with them a few weeks ago when we used the last of the locks we had in inventory to secure the gate.

At that time, the Village wanted to find a more permanent solution to the loss of gate locks so they suggested that they weld a lock directly to the chain on the pole. A great idea! This was handled in just a few days so missing locks in the future should not be a problem.

As a reminder, if you are the only one left at the field after 3:00PM on a weekday, please lock the gate when you leave. If at any time during the weekend you find

See **UPDATE** on Page 3.



STEM Student Membership Academy

During our next meeting we'll be presenting our newest student recruiting program called STEM Student Membership Academy.

This program will be released in 2020 and serve to better engage schools and students in our club and more importantly ... the hobby of model aviation.

During the November meeting I'll go over the details and answer any questions that you may have about this new pilot program.

Please don't miss it!



Special Notice!

The November 10th Club Meeting has been moved to 7:30PM due to the scheduled Packer game.

Please mark your calendars accordingly.

Issue Highlights

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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

New Rules Added to Combat Flying!

Last month we met at the field to refresh the rules under which we fly combat. We had a couple of downed planes in areas that were consider out of bounds so we are strengthening the guidelines under which we fly. Here are the current rules and a few additional ones that we have agreed to add (in red) to make the sport more safe and reliable.

1. All planes must be launched at least 6 full steps into the taxi area
2. All pilots must fly from the flight line in close proximity
3. All aircraft must stay 25 feet north of the flight line when airborne
4. **NEW:** Cones must be used to designate the 25 foot line (remove after flight)
5. **NEW:** No multi-session combat flying. Once down stay down and allow other members to fly
6. No running out passed the

cones on the field while combat is in session

7. No landing at your feet. Landing should take place on the north side of the cones
8. **NEW:** All attempted hits are to be made on the north side of the airfield. No hitting near the 25 foot line.
9. Check with other non-combat pilots before going up to ensure they have adequate access to the airspace.

Our objective is to do everything possible to keep our aircraft in the flight zone throughout the entire combat experience. Please point out the new guidelines out to anyone that appears not to be informed. It will go a long way in keeping this fun activity at the field.

Thanks in advance for your cooperation.

Flypaper Contact Information

Editor: Tom Jacobs
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 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, November 10th
7:30PM

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

Bring a Friend or a Plane

UPDATE Continued from page 1

yourself to be the last one leaving the airfield at any time of day, please lock the gate as you exit.

Special Club Meeting Raffle Drawings

Some time ago the club held a separate raffle drawing for club meeting attendees whereby those in attendance would be entered to win a FREE ticket to the club's annual holiday party (a \$25.00 value) just for attending. The board voted to reinstate this added raffle drawing at each club meeting for the 2020 calendar year beginning in January. A member can only win once and tickets are non-transferable.

Upcoming Holiday Party

Our annual holiday party will be held on Wednesday, December 4th at Davian's. The festivities will begin at 5:00PM with a cash bar and a great list of raffle prizes plus gift cards for the ladies. This year we'll also have some fun with a contest we're calling, "Who's Who." Special grand prizes have been set aside for both the gentleman and the lady that score the highest. More details to come at the party.

Please get your reservations in to Tom Beyer at **Reservations@ptproductsinc.com** as soon as possible. Cost is \$25.00/per person and \$12.50 for kids under 12 years of age. Davian's requires a confirmation head count prior to our event, so please get you reservation in as soon as possible.

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

3D Printing Part VI

Last month we had gathered files from “Thingiverse” and started to prepare them for slicing. We had to split some of them so they could be properly layered and we used “TinkerCad” to handle most of that

separate these two items and place one each in the two production runs as shown below.

Simplify 3D has a feature that tells me how long the print process will take and, how much material will be output to produce the components which is helpful in planning when to run the project. In this case the first production run will take about 6.5 hours

and the second about 4.5 hours. As a rule you want to stay close to the printer, checking in on it frequently while it’s printing to catch any malfunctions before they become a mess.

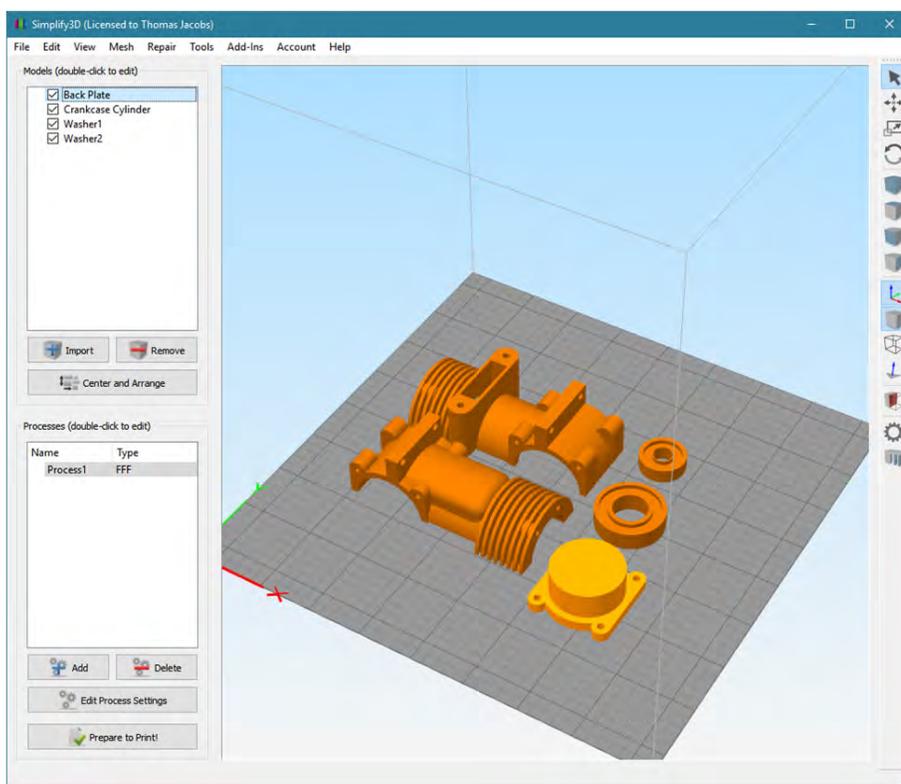
The Ender 5 also has a great pause feature which the Ender 3 did not have as I understand it making it possible for me to pause printing and then resume it later. Although I haven’t tried that feature yet I’m sure it will come in handy in the future.

With the components properly aligned on the bed in Simplify 3D I can output the .gcode file that the Ender 5 recognizes to drive the print process. Simplify 3D generates this file by simply clicking the button “Prepare to Print!” Once the file is generated, I click “Save Toolpaths to Disk” and choose a location to save the file. Then I can copy it to the SD card and print the file on the Ender 5.

I’m going to use a gray filament for printing as that will be a naturally close color for the end product. I’m going to make an initial set of parts with my current settings to see how they come out and then make any additional adjustments as required along with final settings for size.

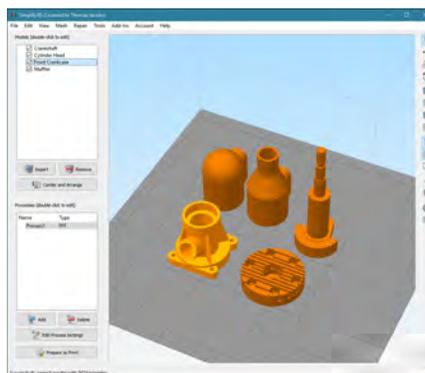
Before I begin, I’ll make sure that my bed is positioned properly leveled by running my leveling program discussed in my first article. With the bed leveled I can begin printing. As the print process begins I’ll watch it carefully to see that the material is being laid down as I expected. If not I can

(Continued next page)



Next, we dropped the parts onto the bed in Simplify 3D. We’ll group them in two production runs so that if one of the parts from the first run doesn’t turn out, we can add it to the second run and reprint it there.

Remember that two components had to be split for proper printing; the main engine block and cylinder and the muffler. We’ll





about the process and make adjustments as necessary without wasting a lot of time and material.

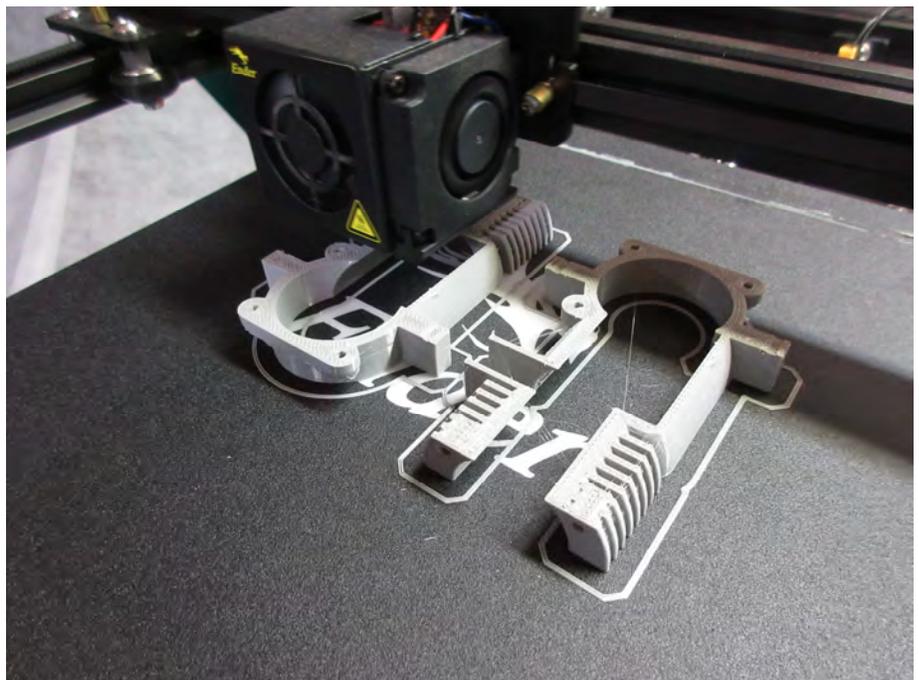
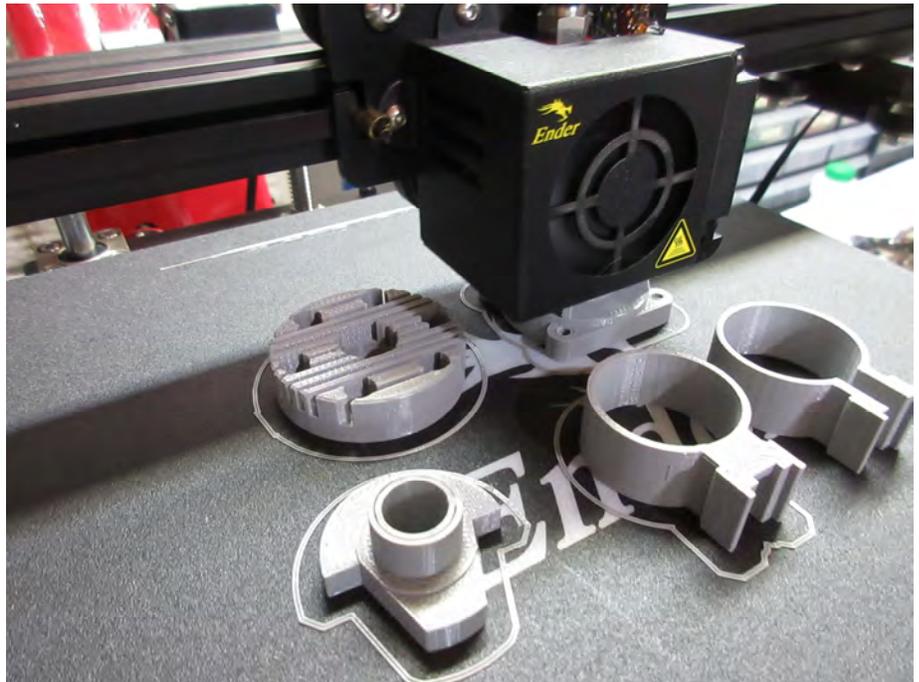
With the mini SD card inserted into the Ender 5 I'll locate the file and select it for printing. The Ender 5 will go through the process of warm up setting the temperatures for both the bed and nozzle automatically based on the type of plastic I'm using, which will be PLA.

Now there's nothing to do but wait and watch. The Ender 5 will create a perimeter pattern around the cluster of parts and then begin laying down the plastic for each in aggregate.

I continue to frequently check progress and note any compo-



nents that are not printing properly. If necessary I can make some adjustments in Simplify 3D to increase resolution, position,

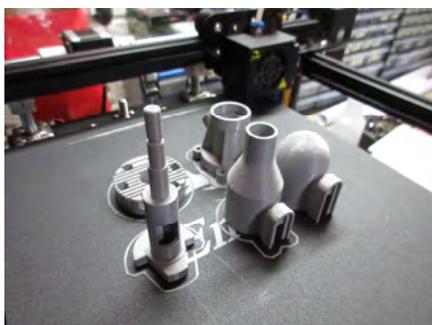


etc. Additionally, I may be required to return to TinkerCad and further parse a component if I discover some unexpected overhangs that are causing a problem.

Despite all efforts some parts will require clean up where extraneous plastic strands may have been extruded. The objective is to minimize these occurrences by parsing the pieces so that we

minimize overhangs.

With all components completed, I can assemble my first engine and determine what scale reductions are needed to create the proper size engine for each model I have to display. To finish off the aircraft, I'll use a real propeller and I'll print a nose cone to finish off the front end of the aircraft for appearance.



That's it, we're done. All I need to do now is print off three engines in different scales and glue them together and I'm good to go.

I hope that you found this an interesting trip. I've talked to a couple of members and they are considering getting into 3D printing as well. I've been finding several applications outside of modeling that are paying off.

Last week the plastic door handle on my sunroom door broke. I was able to replace it quickly



A .60 Size Engine. All components assembled and ready for installation.

with a new and even stronger printed one. Recently, my wife's car cell phone holder also broke. A plastic pin that held a spring in place had broken off. I printed a new one, reassembled it and it works just fine.

The possibilities are all around us for use of 3D printing. Every time now that I see something that needs fixed I first ask myself, "can I fix it with my 3D printer?" Often the answer is "yes."



Next in a Series

In future editions, I'm going to do a walkthrough on restoring an **AeroWorks Yak-54**. This is a large scale 3D aircraft that I

picked up during the club's last swap meet for \$75.00 and it has tremendous potential for the 2020 flying season.

If you're a current kit or scratch builder you're probably well acquainted with restoring balsa aircraft. However, if you're just venturing into building this Winter, then you might be interested in what I'm doing to repair and bring this aircraft back to "just like new" condition.

Look for this article series starting in January 2020.



UPDATE UPDATE UPDATE

Various departments of the FAA are engaging in miscommunication and general bureaucratic chaos, which is very unusual. What?

A department of the FAA recently ruled that there would be no exception to the 400 foot ceiling for clubs within controlled airspace. This was a reversal to earlier rulings where Community Based Organizations (CBOs) could file for an exception to the 400 foot ceiling.

Limitations on the 400 foot ceiling would ruin the hobby for rocketry, gliders and large scale jet enthusiasts. Most of our members fly conventional aircraft but we do have a group that enjoy turbine jets and glider flying.

Over recent months, the FAA identified our club as being outside controlled airspace. Because we are designated as being outside this controlled airspace we can request an exception for events taking place at the

field. If you look at the map, we are on the cusp of Timmerman's five mile protected area. Our concern is that, we too could see a reversal on our position with Timmerman and be limited.

The reason we bring this up to the membership is because the AMA is trying to work with the FAA to protect all CBOs and provide unlimited ceilings when the club requires them. We are encouraging all our members to respond when the AMA asks you to help contact governmental officials in support of their efforts to help keep our hobby intact.

We'll keep all members posted when support is needed via email. Please respond when asked.

FREE Flight Simulator from PicaSim



During the last club meeting Ed Malec introduced a FREE flight simulator that is available online to anyone that wishes to download it. The simulator is called PicaSim and can

be found at <http://www.rowhouse.co.uk/PicaSim/>.

This product is a fully functional open source flight simulator with a load of options and provides everything you need to continue training over the winter months.

One of the exciting benefits of this simulator is that you can use it with your existing radio transmitter through the use of an adapter cable that can be purchased through Amazon for under \$10.00. The adapter cable works with most popular radio systems and can be found at the following link <https://www.amazon.com/gp/product/B00DR4I400/>



[ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1.](https://www.amazon.com/gp/product/B00DR4I400/?ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

As open source software there's not a specific owner's manual but there are a large number of online tutorials and videos that will guide you in setup and connection to your radio system.



The Walk-along Glider



These two videos demonstrate "ridge-lift," where rising air on the windward side of a slope creates lift for an aircraft. Ridge lift is used extensively by sea birds and by aircraft. In places where a steady wind blows, a ridge may allow virtually unlimited time aloft.

https://www.youtube.com/watch?v=VrgY_HHANfQ

<https://www.youtube.com/watch?v=LGZN1-diDjU>

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7:30PM

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 N88 W15229 Main Street
 Menomonee Falls, WI 53051

Bring a Friend or a Plane

Board Nominations

During our November 2019 club meeting you'll be asked to further nominate officers and/or ratify the officers that have agreed to continue in their board capacity. This next year Dave Schroeder has chosen to step down after two years of service.

Dave has been extremely attentive to field's maintenance. Our field always looks great due to Bob Script and Ron Jan's maintenance of the runway and fence areas but what you may not notice is all the other areas that require attention.

Dave has always been active in maintaining the concession stand by keeping our security deterrent system intact, opening and closing the field by seeing that pit tables are properly stored, flags and wind socks are maintained, bulletin boards are updated, field signage is maintained, and that's just a small part.

Dave has also been instrumental in making sure that we are represented in online and offline media for our Charity Events. For all of this, we thank him for his service and hope that he'll return sometime soon to serve in another capacity.

Currently, all but one board member have offered to return to office for 2020. The current list of those returning are below:

- Tom Jacobs – President
- Ed Malec – Vice President
- Tom Beyer – Treasurer
- Chris Milbauer – Secretary

- Cliff Evans – Director
- Kevin Malec – Director
- Steve Huelsbeck – Director

Nominated as Director

We welcome the nomination of Mike Batson as one of four Director members of the board. Mike brings a new perspective having been one of the founding members of our FPV introduction in 2019.



Nominations Remain Open

Up until the vote, all offices are open to nomination. If you wish to run for an office, please come forward and ask a fellow member to nominate you for the office. Once nominations are closed during the meeting, there will be a membership vote to confirm those returning to office and/or elect those running in competition.



FrankenPlane & Builder's Challenge Events

By 10:00AM the skies opened up to a pleasant day of flying and competition during the FrankenPlane and Builder's Challenge Event.

We were pleased to see six entries this year competing for top honors.

The FrankenPlane Event



Ed and Kevin Malec entered a mash-up 3D aircraft (a mix of Funtana, E-flite and Sukhoi.) The story goes that Ed and Kevin fried the ESC and motor intended for the aircraft while on the test bench and had to go with an ESC and motor combination with less power. The aircraft still flew



well.

Larry Kies entered what looked like a EDF albatross of sorts which was a mix of an ANX Clouds floater and EDF jet. Everyone was skeptical but Larry insisted that it should fly ... and that it did! It took to the air immediately and



Larry made his qualify pass around the airfield.

Builder's Challenge

Show stopper Ryan Ocampo brought his Boeing XF8B-1 and was the first up to maiden his aircraft. While the crowd crossed its fingers, Ryan's plane took off to



(Continued next page)

a round of applause and made its qualifying pass around the field not once, but three times then came in for a successful landing.

Tom Jacobs entered a new version of our Builder's Workshop plane designed to come in under \$99 complete. While waiting



for his turn the wind blew his plane off the pit table and cracked its tail. With a couple pieces of Extreme Tape holding it



in place the plane took off and made its qualifying pass around the field. The plane appeared to be a little tail heavy so a slight modification to the design is in order before we start our workshops next year.

Steve Huelsbeck built and entered an F-27 EDF knockoff. Its first flight attempt was slightly nose heavy, so Steve adjusted the battery location for his second attempt. With a hand launch by Ed Malec, the aircraft took off and started screaming through the air. Steve made his qualify pass around the



field and also performed some testy maneuvers to see how well it held together. The result was that his home built version seems to fly better than his store bought version.

Ed Malec was next up with his pizza box flying wing. Every contestant was given three attempts to make a qualifying pass around the field and with each attempt, Ed's pizza box flying wing went

further and further before taking its fatal dive. Unfortunately Ed's pizza box flying wing didn't make the cut but I don't think that is the last we'll see of it.



The Vote

The contest participants voted and two pilots won top honors hands-down in the voting process; Larry Kies for his Gull Wing



Jet, and Steve Huelsbeck for his F-27 EDF.

The event was a lot of fun and laughs with a FREE lunch for all attendees. Our visitor from Alabama, Mike Hoefer, made a showing and flew alongside us with his brother. He stated that he'd never seen anything like it. We're hoping to make his brother a member in the club next year.

Thanks to everyone that participated.

We'll do it again next year so start planning now ... **the competition is going to be tough!**

MEETING MINUTES

The Flying Electrons Membership Meeting Minutes (October 2019)

Meeting called to order at 7:03PM by President Tom Jacobs

Attendee Count: 23 members

Guests: 2: Mary Zahorik, Chris Ocampo, Mike Andruszkiewics

Mini-Swap Items Available

2 airplanes, P-22, Sport Cub owned by Bill Black

New Members in Attendance (last 30 days)-None

Guests-Marc Ocampo, Mary Zahorik

Promotions-Ed Malec to FPV Pilot

August Minutes Approval-Approved by Membership

Treasurer's Report

Tom Jacobs gave the Treasurer's report for the absent Tom Beyer.

Tom Jacobs report: Total expenses and, Income.

Expense's included raffle, Port a Johns and Charity radio spots.

Income included dues, initiation,, events and concessions.

Secretary's Report on memberships

Chris Milbauer reported 133 members with 2020 renewal starting to come in.

There have been member questions about the FAA registration; FAA registration is required by the AMA of all its members as of 2/28/19.

Members with a AMA membership that expires in 2020 before 12/31/20 should call the AMA and get their membership prorated to 12/31/20 prior to their Club Membership renewal.

Jim Zahorik related a problem he had with his FAA registration because his email had changed.

Clothing Sales-Not Available tonight.

Concession Report

Tom Jacobs reported that the kitchen has been closed. He reported expenses of \$915.73 and sales of

\$1,139.56. Tom will removed gasoline expense from the concession report. Those expenses belong to field expense.

FAA Updates:

AMA request for member support

Notices have been sent to all members via Facebook and Email.

Introductory Pilot Program Update

8 pilots currently enrolled

Past and Upcoming Events

Pattern Event

Joe Burzinski, reported 11 pilots for the event. There might be an event date change for 2020 The club made 250.00 profit on this event

FrankenPlane

Ed Malec built 2 planes and Larry Kies built 1.

Pictures were for shown about this event

Builder's Challenge

Ryan Ocampo, Steve Huelsbeck,

Tom Jacobs, Ed Malec

All built planes for this event

Pictures were shown for this event

Tom Johnson demo an Assassin launching system for multiple launches.

Christmas Party

\$25.00, per person to be paid in advance. Tom Beyer will start taking reservations (notices with info will be sent to the membership). Steve Huelsbeck passed around an electric motor test stand from hobby. This will be one of the Christmas Party Raffle prizes. The Club expects to have a raffle to exceed \$1,500.00 in prizes for the party. Chris Milbauer will run a planes display again this year.

Old Business

Incident Reporting System

Not being utilized by the membership.

System will stay put and running for now.

Field Lock Situation

The Village welded a replacement lock on the gate. They also adjusted the gate so it can't be altered.

A reminder to ALL MEMBERSHIP!

If you are the last person to leave the field after 3pm Mon-Fri you Must Lock the Gate. If you are the last person (at any time) on the weekend, LOCK the gate.

If You use the back gate: if it's locked, relocked after you go thru it immediately.

New Business

Board Member Nominations

Mike Batson was nominated by Tom Jacobs. Mike accepted his nomination.

Mike Dorna made a motion to nomination all the existing Officers and Directors other than Dave Schroeder. Dave will be retiring from the Board. The motion was accepted on a voice vote of the membership.

Nominations for 2020 are:

- Tom Jacobs – President
- Ed Malec – Vice President
- Tom Beyer – Treasurer
- Chris Milbauer – Secretary
- Cliff Evans – Director
- Kevin Malec – Director
- Steve Huelsbeck – Director
- Mike Batson - Director

Nominations will be accepted until the close of nomination at the November 10 Membership meeting.

Open Forum Issues?-None

Raffle

- Jim Zahorik: Watt meter
- Kevin Malec: solder jig
- Jim Zahorik: hot glue gun
- Steve Huelsbeck: servo wires

Next Meeting

Next Meeting - Sunday, November 10th, 7:00PM

Motion to Adjourn at 8:43pm

Submitted By:
 Christopher Milbauer
 Club Secretary
 10/20/19

Show & Tell



Ken Pressman:

Goldberg Ultimate from a kit
 RimFire 120, Savox servos
 Spektrum Radio



Brian Husted:

Maznolaser.com P-36 Electric, Futaba radio \$350.00 invested



Ed Malec:

Flite Test Explorer Motored Glider trainer, 120 watt motor, 4 grams servos, Frsky radio \$155.00 invested



Mike Batson:

Motion RC FMS 1450mm P-51 Redtail (weathered), Frsky radio, \$150.00 invested



Ryan Ocampo:

Crashtest.com Assassin, Towerpro MG 9 gram servos, DX6 radio, Reinforced with 3d printed parts.



Bill Low:

Crashtest.com Albatross kit, 100 watt motor, 4 servos, Frsky radio, Under \$200.00 invested.



Steve Huelsbeck:

Scratch built F27 (no plans), foam board, possible 70mm ducted fan. Hitec servos, Spektrum radio. \$6.00 in used parts.



Join us for
**The Flying Electrons
Annual Christmas Party**
at
Davian's

(N56 W16300 Silver Spring Drive)

Wednesday, December 4th, 2019
Cocktails at 5PM, Dinner at 6PM
\$25.00 per person

Children ages 7 to 12 \$12.50
Children ages 6 and under FREE!

Cash Bar with FREE Soft Drinks
Kohl's gift card door prize for ladies ages 13 and up!

Large Raffle!

Reservations can be made via email at:
Reservations@ptproductsinc.com

Reservations must be followed with a check payable to:

The Flying Electrons
c/o Tom Beyer
13005 W. Crawford Dr.
New Berlin, WI 53151

CALUMET FLYERS

47th ALL R/C SWAP MEET & AUCTION SUNDAY, NOVEMBER 3rd, 2019



Holiday Inn Manitowoc, WI

4601 Calumet Ave.
Manitowoc, WI 54220
Intersection of I-43 &
US Hwy 151, Exit 149



Event Details

Buy, Sell, or Trade R/C Related Items.

***Admission Just \$5.00 (Age 12 and under FREE)
As Always, No Table Fees! (90 Tables Available)***

***Swap Meet starts at 8:30 am and ends at 11:30 am. Raffle at 11am.
Doors open at 7:30am for anyone bringing items to sell.
"First Come First Serve"***

***"Auctions throughout the event"
(When requested, our auctioneer will stop at your table to auction your items)***

***Vendors and other special request may be able to reserve multiple tables.
(Vendor admission is waived if donating item(s) for our raffle.)***



Web Site: www.calumetflyers.com

Any Questions Please
Contact Eric Schultz at
920-901-6837
or
calumetflyers@gmail.com

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