Issue 743 April 2024 Club Charter 667

Flypaper 2024

Official Newsletter of
The Flying Electrons of Menomonee Falls

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

President's Preflight

Global Warming, What Me Worry?

Continued warm weather in March and early April has offered armies of anxious aviators and fidgety fliers to get out and scrape off the winter rust. The weather has been unseasonably warm and we are now past the equinox so we have 13.5 hours of sunlight and it will be getting better. This does not include the 2 minutes or so of full solar eclipse.

Don't Look Now, But ...

And speaking of the eclipse, I hope everyone had a chance to check this out. I was too lazy to run out and get the special Spaceman Spiff glasses to view the eclipse directly, preferring instead to make the shoebox-style viewer that uses a pinhole in some aluminum foil to project the image onto a white "screen" surface plastered to the bottom of the box. I also thought I could get away with applying a

See **PREFLIGHT** on Page 6.

Student Training to Resume Soon

With the weather starting to stabilize and warm up, we will be beginning flight training once again at the airfield.

Currently on the list for training are the following candidates:

› Andrew & Christian Swenson
› Devan Frey
› Grayson Adams
› Drew Maus
› Yves Behrens
› Tom & Andrew Spragg
› Ken Korducki
› Aarav Singh Sikoria

If this is your first time ever training with our instructors, your first session will begin with orientation and an initial flight evaluation.

During orientation you'll learn about our club, safety rules, field

*(See **TRAINING** on page 7.)*

Issue Highlights

Next Club Meeting!

Sunday, May 19th
DeMarini's Restaurant

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

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

Last Chance 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.

If you've not already renewed your membership, failure to do so before March 31st could expose you to another $50 Initiation Fee.

It's no longer just a $10.00 late fee.

On April 1st we begin a new budget year. Members that have not renewed are "INACTIVATED" in the database, and removed from our email list. The AMA requires that we remove inactive members from the participating club roster as well. This takes the time an effort from someone to maintain this.

If you decide to rejoin later, someone has to undo all of this and reinstate you in the AMA club roster.

It's a lot of "busy-work" that we just don't need.

If you don't plan to renew, then we'll be sorry to lose you.

If you plan to renew eventually, ***then please do it now!***

It will save us all some time and effort.

Please remember that your AMA expiration must carry you through the end of the year.

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, May 19th

7:00PM

De Marini's Restaurant
De Marini's Restaurant
N88 W15229 Main Street

Getting Started in RC

Exponential. What Is It And When Do You Use it?

These articles are designed to educate new students on the many aspects of the RC hobby. If you have a topic that you would like explored here in our newsletter, send your recommendation to tjacobs421@att.net.

This month we explore the use of the "Exponential" setting.

Today's radio systems which have small screens that allow model memory, dual rates and other features also include something called "Exponential." If you're new to RC, then you're probably not sure what exponential is, or how to use it.

When you are flying an aircraft, you expect the transmitter stick to generate movement of a control surface in direct proportion to the movement of the stick. That's exactly what it does. When the stick is moved a small amount, to control surface moves a small amount. If you move the stick all the way to its end point, the control surface also moves to its end point.

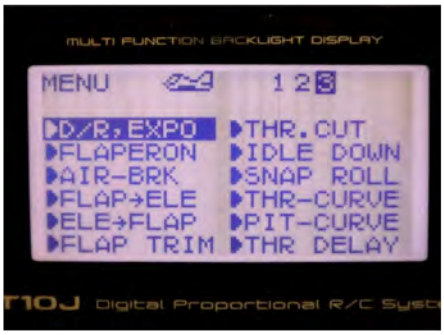
When learning to fly, students often tend to over control the model, swing the stick from one side to the other, not realizing that those small amounts of stick movement can result in huge amounts of aircraft movement when the craft is moving at a high rate of speed.

The student often gets caught up in trying to over correct the problem by reversing the stick direction causing the aircraft to roll in the opposite direction. Before they can react, the aircraft is in trouble in the opposite direction and another stick correction is necessary.

It's similar to riding a bicycle downhill collecting speed. As the speed picks up, the front wheel hits a small stone, and the front wheel begins to wobble left and right. We've all experienced this. The wobble is caused by your effort to correct that small turn that the front wheel experiences when it hits that small stone. The shake back and forth is actually you trying to correct the problem to stabilize the bike. If the shake it too great, you lose control, and the bike will go down. If you can keep your cool and soften the corrections you make, the wobble will reduce, and you'll regain control of the bike.

Where Can I Find the Exponential Setting?

Generally, the exponential (expo) setting can be found where your "dual rate" settings are. I won't go into a lot of detail about dual rates here more than to say that most modern transmitters offer dual rates. Dual rates allow the pilot to flip a switch and increase the overall control surface action.



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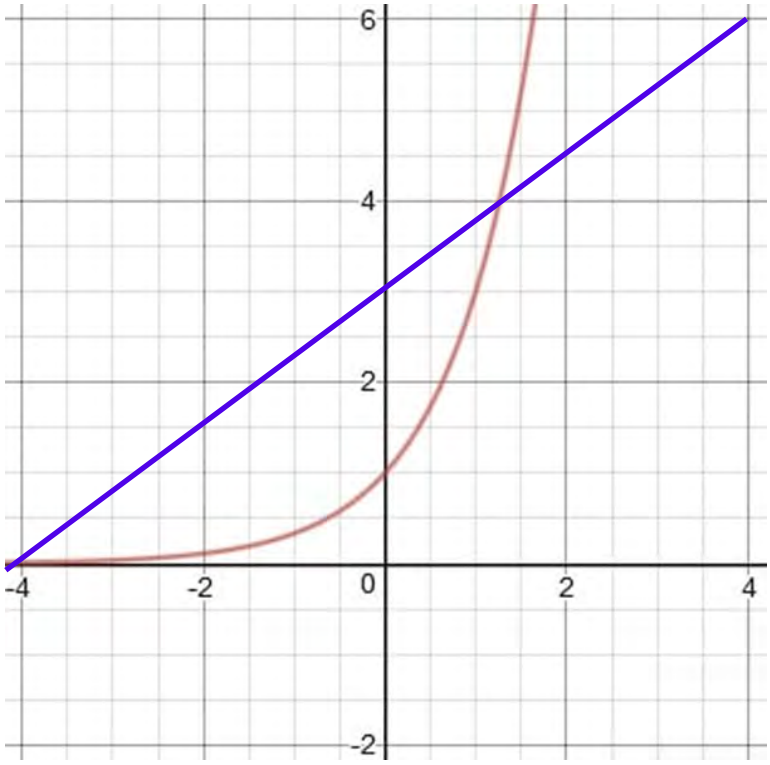
I often train students on what are called "low rates" which means the over all control surface movement is held to a minimum. When I want to do special maneuvers like loops or rolls, I flip the switch to "hi-rates" which provides maximum control surface movement to achieve those maneuvers.

The reason I mention dual rates is because expo can be applied separately to both hi and low rates for most systems. So, if you're looking for your expo settings on you system, you'll likely find them along with dual rate settings.



What Does Expo Do?

Exponential is a setting on your transmitter that softens stick movements which move the control surfaces of your aircraft.

Instead of there being a direct relationship between the movement of the stick and the aircrafts control surface, transmitter movements close to the center position of the stick transmit less movement to the aircraft control surface.

This means that small movements of the stick do not have a major affect on the movement of the aircraft, giving the pilot more latitude in making subtle changes to the plane's flight path. This feature also helps the pilot make more subtle corrections while flying and lessens the likelihood that the pilot will get into trouble in the first place.

The graph above represent 1 degree of control surface deflection for every quadrant above the baseline. Referring to the blue line in the diagram, this means that at "full stick" the control surface would move a full 12 degrees. At half stick, the movement would be 6 degrees. A direct linear relationship represented by the blue line.

The brown line represents an amount of expo added to the mix. Now you'll note that at half stick, the surface deflection is only 2 degrees, allowing more subtle control at the mid range. As the stick is moved further, the deflection increases more rapidly until full deflection is reached.

What are the things to look for in considering exponential? Here are a few thoughts on it.

1. High Sensitivity: If you find that your aircraft responds too quickly or feels twitchy, especially around the center stick position, adding exponential can help soften the response and make control inputs more forgiving.

2. Small Corrections: When flying in windy conditions or performing precision maneuvers that require subtle control adjustments, exponential can help smooth out control inputs, making it easier to maintain stability and control.

3. Initial Setup: Exponential can be beneficial during the initial setup phase of a new aircraft or when transitioning to a different model. It allows pilots to fine-tune control sensitivity to their liking and adapt to the aircraft's characteristics.

Determining the Amount of Exponential

The amount of exponential to apply depends on personal preference, flying style, and the specific characteristics of the aircraft. Here's how to determine the appropriate amount of exponential for your setup:

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1. Start with Zero Exponential: Begin by setting all exponential values to zero on your transmitter. This provides a baseline reference for the aircraft's default control response.

2. Incremental Adjustment: Gradually increase the exponential value for each control axis (elevator, aileron, and rudder) in small increments, typically ranging from 5% to 20%. Some professional aerobatic pilots use as much as 80% expo for some of their routines.

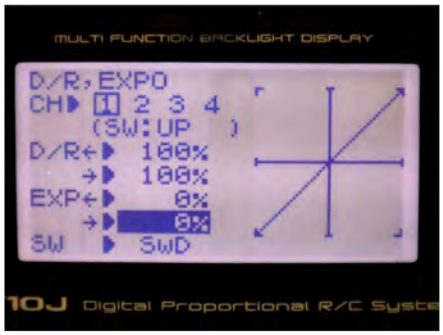
3. Flight Testing: Take your aircraft for a test flight after each adjustment to evaluate the effects of the exponential changes. Pay attention to how the aircraft responds to control inputs, especially around the center stick position.

4. Fine-Tuning: Continue adjusting the exponential values until you achieve the desired balance between responsiveness and smoothness. Experiment with different settings to find the optimal configuration for your flying preferences and the specific demands of your aircraft.

Understanding the Graphical Representation

Exponential adjustments are often represented graphically on the transmitter's programming interface. The graph typically displays the relationship between stick movement and servo output, with exponential adjustments applied to modify the curve's shape.

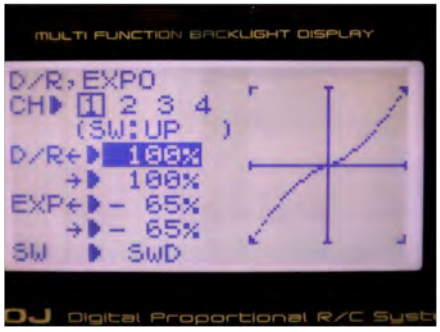
Here's what the graph means:



· X-Axis: Represents the input from the control stick, ranging from minimum to maximum deflection.

· Y-Axis: Represents the output to the servo, ranging from minimum to maximum travel.

· Linear Curve: Without exponential applied, the curve is linear, indicating a direct one-to-one relationship between stick movement and servo output.



· Exponential Curve: When exponential is applied, the curve becomes progressively flatter around the center stick position, indicating reduced sensitivity and smoother response in that range.

· Exponential Rate: The slope of the exponential curve determines the rate at which sensitivity decreases around the center stick position. A steeper slope indicates higher exponential rates and greater reduction in sensitivity.

Exponential is a valuable tool for fine-tuning control sensitivity and response in RC aircraft, allowing pilots to achieve smoother and more precise control inputs. By understanding when to use exponential, how to determine the appropriate amount, and interpreting the graphical representation of exponential adjustments, pilots can tailor their transmitter setup to suit their flying preferences and optimize performance for a wide range of flying conditions and maneuvers.

Whether you're a beginner learning the ropes or an experienced pilot pushing the limits of aerobatics, mastering exponential can elevate your flying experience to new heights of control and precision.

TJ

pre-used piece of aluminum foil on my viewer, although I went to the trouble of attaching it with hot glue. I tested the result about 15 minutes before the total eclipse and I was glad I did. Instead of just one image, I had what appeared to be the entire solar system projected onto the screen. I think the foil had been used several times and it was riddled with pinholes and creases. It also had a gob of egg salad that dropped onto the screen which spoiled the whole "sea of tranquility" effect. I quickly taped on a new sheet of foil and it produced only one image. At least I have about 20 years to get this right for the next eclipse.

Field Clean-Up Day

I encourage able bodied or marginally able-bodied members to volunteer for the field clean-up day Saturday, may 4th from 9:00 to 12:00 (rain date May 5th). Some of the usual chores were already done in support of the early flying we've been able to do this spring. But there is still much to do. We'll be sending out a work list so you can all impress us with your special talents on the day. Veracity points will be awarded to members who can actually do some of the things they brag about while they loll around the flight line watching or waiting to fly. These veracity points can be cashed in like plenary indulgences.

The Doctor Will See You Now…NOT!

I also thought I would pass along something I found while lingering in a doctor's waiting room this month.

Buried amid the US magazines, National Enquirers, and Ladies Home Journals was a copy of Smithsonian Air and Space Quarterly! What a find. Naturally, the Doc was running late which afforded me a chance to read the periodical cover-to-cover. I could not put it down.

There was a great article called Last Call at Reno covering the final Reno Air Races. It described spectacular, wingtip-t-wingtip, low altitude (300 feet off the runway) pylon racing in vintage WWII fighters at over 500 MPH. They drew over 140,000 people for the final event in 2023. That's more than the Big House, so suck on that Wolverines. The seventh heat ended in a midair collision so the final class, the "Unlimiteds", the last of the 8 classes that were to compete and the crème de la crème of pylon racing craft, opted not to fly. But to the devoted fans and pilots, death was considered an acceptable risk.

There was also an article called "the Red Stuff" covering a new book about the Soviet space program. One fascinating takeaway from the article: We all know Yuri Gagarin was the first man in space and how that was an achievement (along with Sputnik) that probably mobilized the US and NASA to step up the space program in the 60's and beyond. What I had not known about Gagarin's flight was that he did not ride in the capsule all the way back. Apparently, the Soviets had not cracked the re-entry problem and opted instead to have the Gagarin eject early and parachute down. In later flights, they would have no problem taking their chances with a burnout on re-entry - I mean we were all told that, to the Soviets, life is cheap. But the first guy in space was going to be a hero and the Soviets needed an in-tact and unsung cosmonaut to parade around. They don't say how he was actually recovered though. I can picture him running around in Siberia in a space suit, begging for a couple rubles and looking for a payphone.

The current and some past issues can be viewed on line at the following link:

https://airandspace.si.edu/air-and-space-quarterly/winter-2024

Until next month, zabotit'sya!

PM

(Continued on next page)

(**TRAINING** *continued)*

layout, and what to expect from your training sessions.

If you started training last year, be sure to bring your updated and valid AMA card which shows and expiration date of 12/31/2024 or later.

Once you've mastered flying and taken you solo pilot test, you can join our club and fly at our field anytime you wish.

Pilots under the age of 18 can join our club FREE of charge through our STEM Student Membership Program. While under the age of 18 you may continue to renew your membership each year also FREE of charge. You will need to renew your AMA membership each year and complete the renewal application however.

Our club also has Family membership programs so the entire family can participate in flight training and all the benefits that come with joining.

You should expect to receive an email very soon about scheduling your first session for the year. Sessions could begin as early as this coming weekend.

We do have a limited number of flight simulators available for checkout from our library program and you'll learn more about that during orientation.

We try to coordinate small group sessions so be sure to respond to our email so we can schedule you with one of the starting groups.

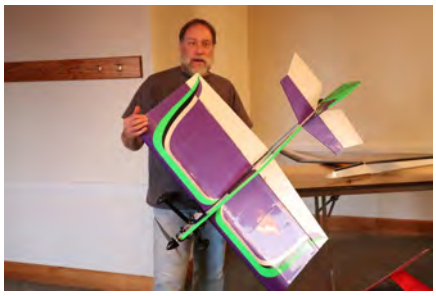
TJ

April 2024 General Membership Meeting

Show & Tell!

Ed Malec made a discovery on YouTube. By using Weldwood contact cement (typically used to laminate counter tops) hinges can be easily repaired on foamy aircraft. It's durable, strong, and long-lasting.

Steve Huelsbeck showed off his Viper Jet from Hobby King. This craft was originally sold in 2010 as a bare airframe. This unit was crashed twice before he received it and he's confident that he'll have it fixed and crashed again before the next meeting.



Dave Kearn brought his newly refurbished Wild Hots. It features a 10.5" wingspan, E-Flite 32-770kv motor, Hobby Wing 80 amp ESC, and a 4S-3300 mAh battery pack. Flying weight about 4.5 to 5 lbs.

Pau McGuan Brought in his OLY II 100" Sail Plane. It flys under 3-channel control and requires a tow buddy to get into the air. Includes spoilers. Beautifully decorated in white, translucent yellow and a carbon fiber pattern Monokote.

MEETING MINUTES

Meeting Date: April, 2024

Meeting called to order at: 7:05PM

Number of attendees: 19

Recognize New Members in Attendance: NONE

Recognize Promotions Last month: Greg Brunsch promoted to pilot

Recognize Guests in Attendance: NONE

MEMBERSHIP NUMBERS:

› Tom Jacobs reported that memberships are 109

› 10 Members did not renew this year

STUDENT TRAINING

› Tom Jacobs reported that we have 7 students in the queue for this season

› Most appear to be STEM candidates.

OLD BUSINESS:

› We will be moving the porta johns to the south side of the parking area.

NEW BUSINESS

› Paul McGuan reported that we are looking into 501(c)7 status which gives us non-profit status with the IRS.

› This will enable us to seek out grants to offset the cost of an Automatic External Defibrillator at the field. More to come on this.

› New pit tables were on the agenda for discussion and the board agreed that we should develop a prototype first before expensing for a larger number of setups.

› Paul asked for volunteers to coordinate the upcoming Fun Fly.

› Ed Malec agreed to volunteer and Drew Giordano indicated that he would check his schedule to see if he could assist in coordinating the event.

› Field Cleanup will be held on May 4th (rain date May 5th)

› Doug Colton will review the Field Cleanup checklist to look into what is needed so everyone has a task to perform.

› As in past years, we will need volunteers with power tools, etc. to assist with minor repairs.

› It was also announced that Carl Verbanac will be celebrating his 100th birthday this June 15th. In the past, his birthday celebration has been held at the field, however, this has not been confirmed as of yet.

OPEN FORUM:

› No new issues were brought up.

The meeting was adjourned at 7:48PM.

Respectfully submitted:

Tom Jacobs, Vice President

Don't Miss Our First Event of the Year!

Come out and join other club members for a day of flying. Compete in some fun contests like:

> Closest Dead stick landing
> Highest Speed Pass
> Slow speed Pass
> Hover Duration Contest
> Consecutive Roll Contest
> Lowest Inverted Fly-by

Concession Services Available.

Saturday, June 8th
9:00AM to 2:00PM
All AMA Pilots Welcome!
(Rain Date: Sunday, June 9th)

Club Fun Fly At Tamarack Airfield!

Sponsored by the Flying Electrons of Menomonee Falls

The Flying Electrons of Menomonee Falls Present

AMA Sanction No. 16199

The 2024 Cliff Evans Memorial

RC Scale Festival

Sunday July 14th, 2022

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: N61W17000Kohler 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.

ALL ELECTRIC FUN FLY

Sunday, July 21st, 2024
9:00AM to 2:00PM

(AMA Membership Required to Fly)

You'll Get a Charge Out of this Event!

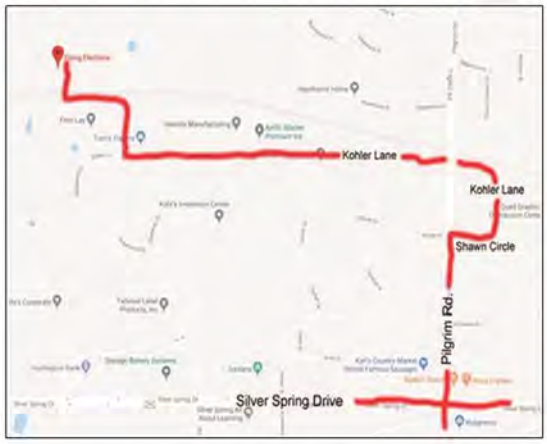
Leave your "slimers" at home and join us.

Food, prizes and fun! Pilot's Raffle! Win Raffle Tickets!

(Pilot Registration/Landing Fee $5.00)

Speed Contest:
Prop & EDF

Mini Air Show:
Scale, 3D, EDF, Heli, Sport



Tamarac Field is conveniently located for anyone living in the Milwaukee, Waukesha and Ozaukee county areas. Kohler Lane is just north of Silver Spring Drive (W) and Pilgrim Road (YY). Take Shawn Circle to Kohler Lane and follow the signs to the water tower. Watch for the sign that says, "Flying Field."

For more information, contact Steve Huelsbeck at shuelsbeck@wi.rr.com.

AMA Sanctioned Event

Our Biggest Event of the Year!

The Flying Electrons of Menomonee Falls Present

AirFest 2024

What You Need to Know!

- *Enjoy food & refreshments available at our concession*
- *Huge public and RC raffle with an array of great prizes!*
- *Try flying an RC aircraft at the side of a certified instructor*
- *Full size Ultra-Light aircraft take-off & landing (weather permitting), get your picture sitting in the cockpit!*
- *Pilot registration starts at 8:30 AM*
- *$6.00 Landing Fee for all pilots*

Saturday, August 10th
9:00AM to 2:00PM

(Rain Date: Sunday, August 11th)

All public proceeds go to benefit local area boys and girls scouting!

OPEN TO THE PUBLIC

Spectators Welcome!

BIG NOON RC AIR SHOW!

$6.00 per car load

Location: Tamarack Airfield at N61W17000 Kohler Lane, Menomonee Falls, WI

For more information, Logon to

www.FlyingElectrons.com

Event Director: Tom Jacobs Phone: (262) 527-2481 Email: tjacobs421@att.net

(This is an Academy of Model Aeronautics Sanctioned Event # 16132)

22nd Annual Fall RC Swap & Fun Fly

SWAP and Fly all day for $5.00!

Saturday, September 7th, 2024

(Rain date Sunday the8th)

The Flying Electrons Flying Site

N61 W17000 Kohler Lane, Menomonee Falls, Wisconsin

Gates open at 8:00AM

Open to the Public!

Ample Parking, Food & Refreshments available on site

$5.00 Landing/Swap Fee for Pilots or Sellers

Vendors also Welcome!

Swap from your vehicle, tailgate, table or blanket

Informal Auction TBD at 12:00 Noon.

Swap and open flying all day

(AMA membership required to fly)

Directions to the Airfield:

From Hwy. 41/45 take the Silver Spring Exit West to Pilgrim Rd. Take Pilgrim Rd. North to the first overpass. Turn right on Shawn Drive at the light before the overpass then left on Kohler Lane, follow Kohler Lane up the hill. Watch for Flying Field signs. At the big water tower turn right to the field access road. (behind Tom's Trailers).

From Pilgrim Rd. southbound, go over the Kohler Lane Bridge, turn left at the light onto Shawn lane and follow the directions above.

GPS Coordinates: N 43 deg 07.799' W 88 deg 07.408'

AMA Sanctioned Event

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 you 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

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 to18, 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 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.

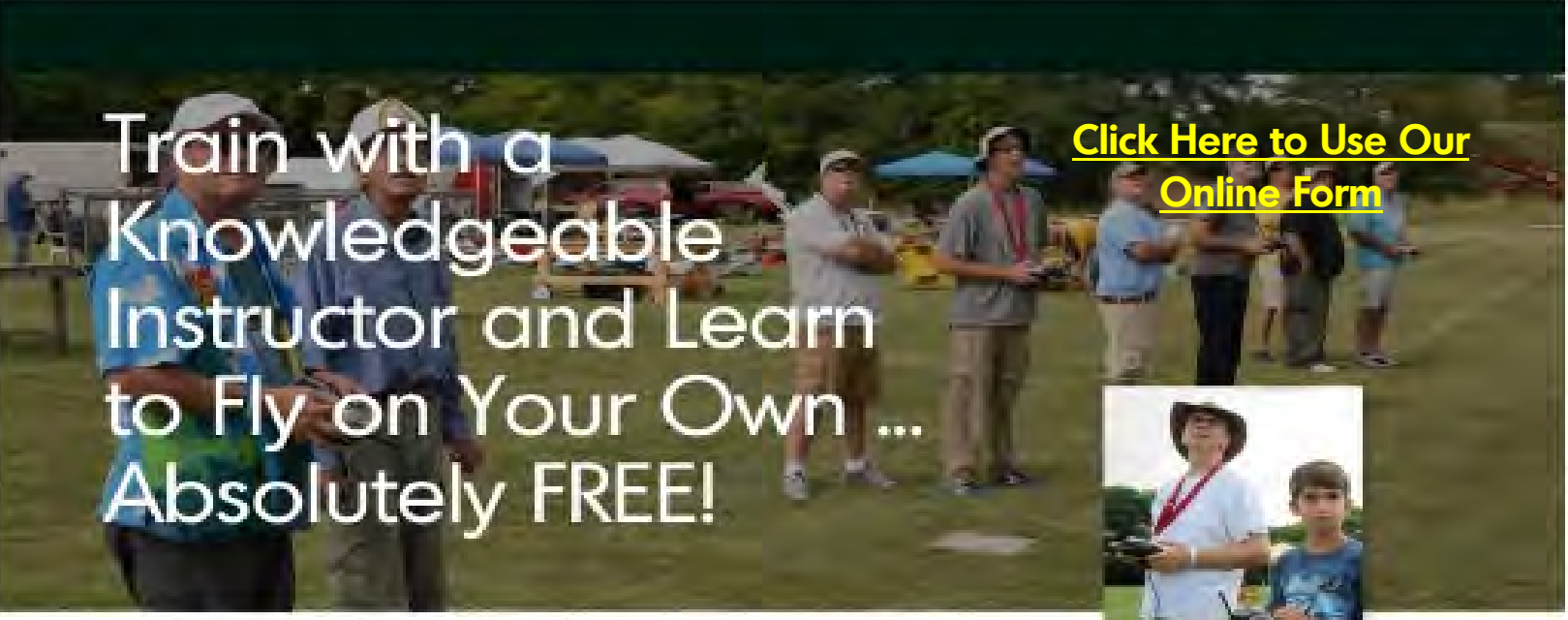
Students that graduate from the IP Program to "pilot status" are immediately invited to apply for a full and FREE club membership with all benefits.

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.***



Train with a Knowledgeable Instructor and Learn to Fly on Your Own ... Absolutely FREE!

[Click Here to Use Our Online Form]

Our knowledgeable IP Instructors are here to assist you with flexible scheduling.

Our IP flight instructor training program is designed to get you into the air on the very first day. When you sign up you be able to train at a time and day that's convenient for you using our safe and reliable "Buddy Box" system. There's nothing you need to provide. We have trainer aircraft and radio systems available for use for your training.

Our goal with tthis 60-day program is to teach you the fundamentals of model aviation, flight control and flight safety. You' learn the guidelines for use of the air field, how to set up and aircraft, how to use radio control systems, take-off and landings, procedure turns, loops, rolls, and more.

Once you submit your information below, we'll connect you with an instructor that can accommodate your schedule to set up a convenient training schedule. All training is conducted at our well appointed Tamarac Airfield located at N61 W17000 Kohler Lane.

There's no cost or obligation to find out if RC Modeling is right for you. Simply complete the form at right and then click Submit to get started.

Training Request Form

Name:

Address:

City: State: Zip:

Phone:

Email:

What is your age?

Your is your status? Student Employed Retired

What days of the week are you available for training?

Mon Tues Wed Thurs Fri Weekends

From the days above, indicate the time of day you can train?

Mornings Afternoons Evenings

Comments or Questions?

Submit

The Flying Eletrons of Menomonee Falls, N61 W17000 Kohler Road
Website: www.Flying Electrons.com Email: FlyingElectronsWI@gmail.com

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		$ 0.00

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. Al fees are payable in advance.

Updated 11/01/2021 - TJ

Issue 743 April 2024 Club Charter 667

2024 Flying Electrons & Local Area Events Calendar

Date	Time	Event	Location/Club
Sunday, Mar 10th	7:00PM	Club Meeting	DeMarini's Restaurant
Saturday, Apr 13th		Model Engine Collectors Assoc	Collecto & Hobby Swap Meet
Sunday, Apr 14th	7:00PM	Club Meeting	DeMarini's Restaurant
Saturday, May 4th	9:00AM to 12:00PM	Field Clean up Day	To be confirmed
Sunday, May 19th	7:00PM	Club Meeting	DeMarini's Restaurant
Saturday, Jun 1st		Circle Masters Flying Club	Control Line Open Fun Fly
Saturday, Jun 8th		Fond du Lac Aero Moderlers Assoc.	Open Fun Fly
Saturday, Jun 8th	9:00AM to 2:00PM	Annual Club "Fun Fly"	Electrons' Airfield
Sunday, Jun 9th	9:00AM to 2:00PM	Annual Club "Fun Fly" (Rain Date)	Electrons' Airfield
Sunday, Jun 9th	7:00PM	Club Meeting	DeMarini's Restaurant
Saturday, Jul 20th		Astrowings of Wisconsin	Charity Fun Fly
Saturday, Jun 22nd		Sky Ranch Flyers	Fun Fly
Sunday, Jun 23rd		Circle Masters Flying Club	Bob Gialdini Memorial Control Line Contest (Sussex)
Sunday, Jul 14th	9:00AM to 2:00PM	Scale Event	Electrons' Airfield
Sunday, Jul 14th	7:00PM	Club Meeting	DeMarini's Restaurant
Sunday, Jul 21st	9:00AM to 2:00PM	Electric Event	Electrons' Airfield
Monday Jul 22nd to Sunday, Jul 28th		Circle Masters Flying Club	EAA Kid Venture, Oshkosh
Saturday, Aug 3rd		Milwaukee Area RC Society	Float Fly, Bong Rec Area
Saturday, Aug 3rd		Rubicon Area Flyers	Fun Fly
Saturday, Aug 10th	9:00AM to 2:00PM	AirFest 2024	Electrons' Airfield
Sunday, Aug 11th	9:00AM to 2:00PM	AirFest 2024 (Rain Date)	Electrons' Airfield
Sunday, Aug 11th	7:00PM	Club Meeting	DeMarini's Restaurant
Thursday, Aug 15th to Aug 17th	All Day	Warbirds & Classics Over Wisconsin	Fond du Lac Aermodeler's Assoc.
Friday, Aug 23rd	7:00PM to 10:00PM	Night Flight	Electron's Airfield
Sunday, Aug 25th		Circle Masters Flying Club	Demo Flying - Sussex Antique Farm Implement Show
Sunday, Aug 25th		Racine RC Club	Open House
Saturday, Sep 7th	8:00AM to 2:00PM	Club Swap Meet	Electrons' Airfield
Sunday, Sep 8th	8:00AM to 2:00PM	Club Swap Meet (Rain Date)	Electrons' Airfield
Sunday, Sep 8th	7:00PM	Club Meeting	DeMarini's Restaurant
Saturday, Sep 8th		Watertown Aeromodelers RC Club Pancake Breakfast	Watertown Municipal Airport
Saturday, Sep 14th	All Day	Pattern Event (Field Closed)	Electrons' Airfield
Sunday, Sep 15th	Most of the Day	Pattern Event (Field Closed)	Electrons' Airfield
Saturday, Sep 14th		Rainbow Aeromodelers (RAMS)	Club Only Picnic
Sunday, Sep 22nd	10:00AM to 2:00PM	FrankenPlane/Builder's Challenge	Electrons' Airfield
Sunday, Oct 13th	7:00PM	Club Meeting - Officer Nominations	DeMarini's Restaurant
		Makers Faire	Discovery World
Saturday, Oct 5th		Model Engine Collectors Assoc	Collector & Hobby Swap Meet.
Saturday, Nov 2 to Sunday, Nov 3rd		Maker's Faire	All clubs invited to participate
Sunday, Nov 10th	7:00PM	Club Meeting - Elections	DeMarini's Restaurant
Sunday, Dec 8th	6:00PM	Holiday Party	DeMarini's Restaurant