

the

# Monitor

March

The MRCS Officers

2021

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**Newsletter Editor:**

Ken Myers

**Next Meeting: Date:** March 3, 2021

**Time:** 7:30 p.m. **Place:** On Zoom

**What's In This Issue:**

Renew Your Midwest Membership for 2021, President - MPORTANT WARNING ABOUT USING OUR FLYING FIELD! - February 2021 Zoom Meeting - HINTS AND KINKS/A Bit On Bits - Midwest January Zoom Meeting - Upcoming Events

**Time to Renew Your Midwest Membership for 2021**

From Lynn Morgan  
MRCS Club Secretary  
Updated March 2021

Lynn  
MRCS Secretary

[http://theampeer.org/midwest/  
currentapp.pdf](http://theampeer.org/midwest/currentapp.pdf)

Hello Gents,

The building season is more than half over and soon we will be able to get out and socially distance at the field with our fellow club members. Many Thanks to all the members that have renewed and supported our club!!

There are some that have not renewed yet, hopefully you are considering joining us for 2021. Please remember that March 3rd 2021 is the deadline for membership dues. After March 3rd, renewal goes up to \$125.00 for the year, so please get them in soon!

The 2021 membership application is located at the end of this note. It looks like club meetings will be conducted online for now as the EAA building is still closed to the public.

*Note that Lynn's address IS on the membership application. KM*

**IMPORTANT WARNING ABOUT USING OUR FLYING FIELD!**

Reprinted from the February 2021 issue

*This has been a strange winter with continual freezing and thawing. Please heed the following advisory. KM*

- When the weather is going through constant freeze and thaw cycles, the flying field is to be considered CLOSED!!!

Neither the entrance road or the

**Helicopter Frequencies**

21, 27, 29, 39, 41

**Sailplane Frequencies**

11, 12

The Monitor online at: <http://www.midwestrcsociety.org>

parking area cannot support vehicle traffic during these cycles.

Please, unless the ground is totally frozen solid, stay off the entrance road and parking area.

### The February 2021 Zoom Meeting

The meeting started with our special guest, **Doug Hart**, of Willy Nillies speaking about his kits and other items that he sells through his Website.

<https://willynillies.com/>

Unfortunately, many people had a difficult time logging in to this zoom meeting, and they missed some of Doug's information.

There was a lot of discussion about using old plane kits and adding the 3D printed Willy Nillies' motor mounts and motors to give them that retro small glow motor look.

Doug very kindly donated one of his new Hornet kits to Midwest.

<https://willynillies.com/online-store/ols/products/wee-series-hornet>



Photo from the Willy Nillie's Website

### Wee Series Hornet Specifications

Wingspan; 21.5"

Wing Chord: 4.625"

Wing Area: 99.4375 sq.in.

Length: 18"

Power: Willy Nillies' TD .010 power pack

Weight ready to fly: 150g (5.3 oz.)

Wing Loading: 7.65 oz./sq.ft.

Wing Cube Loading: 9.2

### Video of the Hornet on YouTube:

[https://youtu.be/86K5\\_ac6zZQ](https://youtu.be/86K5_ac6zZQ)

It was given to **Greg Eilers**, who was chosen randomly by birthdate, honest!

**Larry Markey** noted, with quite a bit of enthusiasm, that the original E-flite T-28 E-is back. remarkable foam plane. The original was an extremely fine flier for beginner to expert.

**Ken Myers** said that he'd used his for many years as a buddy box trainer.

Larry noted that there are several upgrades including the motor mount, steering arm, and nose gear, which were quite fragile on the original, and the option to use a 4S pack out of the box. He said that he loves flying it with the 4S pack!



### E-Flite T-28

<https://www.horizonhobby.com/product/t-28-trojan-1.1m-bnf-basic-with-as3x-and-safe-select/EFL08250.html>

### Video of the "new", original E-Flite T-28 on YouTube

<https://youtu.be/BawP05INetQ>

**Roger Wilfong** is still working on contacting the Rib Carcker members to let them know about our offer to wave the initial \$25 fee for joining Midwest.

**Greg Eilers**, Midwest RC Society president, checked with George Harm to see if Marty might be will to reduce our rent through the winter. George said that she may be able to go with the reduction of rent.

Greg also shared that the poll about what we want to do for a club plane was about evenly split between kit builds, no build, and a little building time. He also said that most folks thought that about \$150 was about right for the cost.

We are still trying to come up with club plane.  
**Mark Freeland** said he could help by cutting a kit for us to purchase, if we can come up with a design.



Photo from the BMJR Website - NOT DENNY'S PLANE!

<https://www.bmjmodels.com/astro-hog>

**Denny Sumner** shared his new BMJR Astro Hog. He noted that he modified it by making the wing bolt on and also changed the tailwheel a bit.



Photo of an Alpha 2.0 from the Aloft Hobbies Website. Not Larry's version!

<https://aloft hobbies.com/alpha-2-0m.html>

**Larry Markey** shared his new Alpha 2.0 glider for electric power. It is an all composite 2m glider from the Ukraine. Its ready to fly weight is 12.8 oz. with 6 servos.

Please join us for our March Zoom meeting on Wednesday, March 3, 2021 at 7:30 p.m. They really are quite informative and fun.

## HINTS AND KINKS

### A Bit on Bits

From Pete Waters via email  
 Midwest RC Society Member  
 and  
 Member of AMA Hall of Fame

This month covers the topic of drilling "round" holes in thin metal.

We all have had the problem of a drill chattering and producing a sort of roundish hole, but it is actually a three lobed hole, and the exercise is known as "Three Point Ovality". The hole shape looks like the cavity of a Mazda Wankel.



This occurs when one lip of the drill grabs the material and then uses that point to pivot a short distance, where the opposite lip of the two fluted drill bit takes its turn to grab and pivot. This action is repeated and produces the three lobed hole. Strange is that a 4 fluted drill will produce a 5 lobed hole with the intermittent cutting action.

A trip to the local Harbor Freight will get you a set of "Stepped Drill Bits", and they usually have a selection of sizes. I often use the smallest as it has a point to start easily. These bits have two full length cutting edges and at each step section are two partly constant diameter guides, so these two areas keep the bit centered. These steps will also allow gradually enlarging the hole's diameter, and deburr the last one cut.



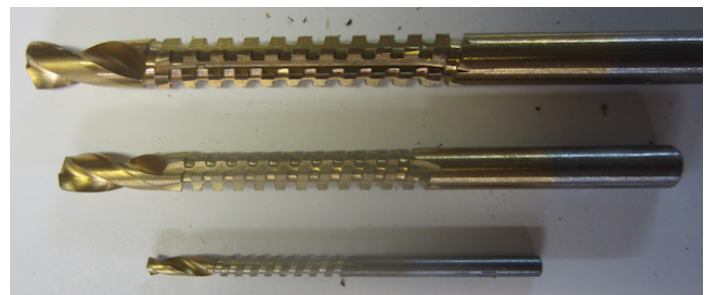


The holes in the photo are all made with the same drill.

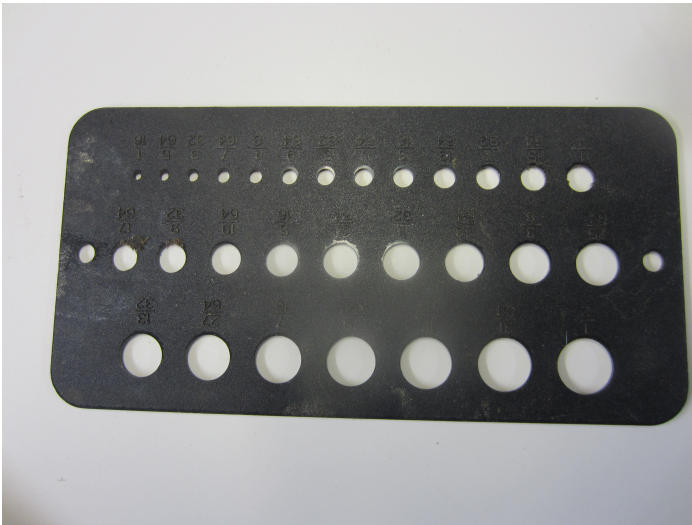
The diameters of these bits are not standard, and another type, with no steps, just a full length taper, can be used to produce an accurate hole diameter. Maybe, Production Tool will carry standard sized units, but will be more \$\$\$.



I also show a “Rasp Drill Bit” in three sizes. These are great to cut irregular holes in most materials, even “move” a wrongly place one!



Pick up a Drill Gauge, plastic, but very convenient when you cannot read a drill size, or check the step drill bit's diameters.



### Toledo RC Swap Meet

From Joe Hass via email

### toledo RC swap meet

<https://toledorcswapmeet.com/>

APRIL 9 & 10, 2021

9:00 am - 5:00 pm FRIDAY

9:00 am - 11:30 am SATURDAY

SeaGate Convention Centre - Main Floor

### THE FIRST OF MANY SHOWS TO COME!

Featuring door prizes every hour with an auction on Saturday at noon!

Be sure to keep checking this site for news and additions to the show!

<https://toledorcswapmeet.com/>

This show is for any hobby! RC planes, cars, boats, helicopters, trains, and more!

All necessary COVID-19 precautions will be taken, and the show will go on unless Ohio shuts us down!

### GENERAL ADMISSION

Tickets will be sold at the door.

There will be no ticket sales in advance for general admission.

Admission is \$10.00

Women and children are FREE

### VENUE

SeaGate Convention Centre - Main Floor

401 Jefferson Ave, Toledo, OH 43604

Admission is \$10.00

Women and children are FREE

Floor plan will be built as reservations for tables come in. We will contact vendors with preferences. The floor plan will be made in compliance with state of Ohio regulations due to COVID-19.

### VENDORS

Vendors can reserve 8' tables at \$25.00 per day. If the show is cancelled due to COVID-19, a full refund will be given.

All efforts to table location will be done on a first come first serve basis and in conformity with COVID restrictions.

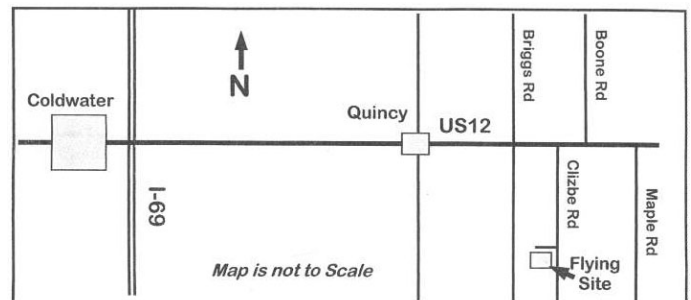
Interest is high! Table sales are going well, so get your reservation in! We can accommodate as many tables as we can sell and fit in the main floor with ample spacing according to Ohio COVID restrictions.

Show put on by [www.toledorcswapmeet.com](http://www.toledorcswapmeet.com) LLC · © 2020

### IMPORTANT! Read Carefully!

*This is **NOT** the former Toledo RC Expo put on by the Toledo Weak Signals. It is a swap meet only. To the best of my knowledge, there is NO connection between the Weak Signals and this swap meet and the group, or individual, presenting this swap meet, although the dates are similar to the former Weak Signals' Toledo RC Expo.*

*It notes on the Website that the checks, for tables, are to be sent to Pittsburgh, PA. KM*



### The Upcoming Keith Shaw Birthday Party Electric Fly-in 2021

The Balsa Butchers are hosting the "Keith Shaw Birthday Party Electric Fly-In", for the 19th year, at their field near Coldwater, MI. The event takes place

on Saturday, May 29, 2021. It is a one day event again this year.

The event consists of Open Electric Flying with a "Special Guest of Honor Theme", Happy Birthday Keith Shaw [June 6].

Enjoy a day with the "Pioneering Master of Electric R/C Flight". 8 a.m. - 4 p.m., Saturday. NO LANDING FEE! Donations for field maintenance and lunch appreciated.

For additional information contact;  
Contest Director: Dave Grife - E-mail:  
grifed@yahoo.com or Phone: 517-279-8445  
Please e-mail or call with any questions.

The field will be open for guests to fly on Sunday as well.

**To change your email address contact Ken Myers at [kmyersefo@mac.com](mailto:kmyersefo@mac.com)**

**The 2021 membership application is available at the club Web site,  
<http://www.midwestrcsociety.org>,  
for downloading with the link on the homepage.**

**Upcoming Events:**

**Starting Wednesday, October 14**, Indoor RC Flying at the Legacy Center in Brighton, MI (more details in this issue)

**Starting Thursday, October 15**, Indoor Free Flight Flying at the Legacy Center in Brighton, MI, 10 a.m. - ???

**On Thursdays**, Indoor RC Flying, Premier Sports Center, 23 Mile and Hayes, from 9 AM to 3 PM. (details in this issue)

**Starting Tuesday, October 27**, Indoor Flying at the Ultimate Soccer Arenas in Pontiac, MI

**Wednesday, March 3, 2021, Midwest RC Society Monthly** meeting, 7:30 p.m. on Zoom. Be sure to check the club Website for any last minute changes and check your email for the Zoom meeting URL.

**Renew your Midwest Membership today!**

Mail your application, found on our website, a copy of your AMA membership card and check to Lynn Morgan ASAP. His address is in the heading of this newsletter.

**April 9 and 10**, Toledo RC Swap Meet (details in this issue).

**May 29, 2021**, Saturday, The Upcoming Keith Shaw Birthday Party Electric Fly-in 2021 (details in this issue)

Midwest RC Monitor  
Editor: Ken Myers  
1911 Bradshaw Ct.  
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**The Next Meeting:**  
**Date:** Wednesday, March 3 , 2021  
**Time:** 7:30  
**Place:** On ZOOM