

the

Monitor

December

The MRCS Officers

2019

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Ken Myers

Next Meeting: Date: Wednesday, Dec. 4

Time: 7:30 meeting/annual social, EAA Building

What's In This Issue:

Novi Library Technical Capabilities - November 2019 Meeting - November Show and Tell - Indoor Flying/Driving in Pontiac - Legacy Center Indoor Flying in Brighton, MI - Flight Line Hobby Fall Seminar Schedule - Upcoming Keith Shaw Birthday Party Electric Fly - Upcoming Events

Novi Library Technical Capabilities

By Arthur Deane

The Novi Library has continued to expand their computer-based fabrication capabilities. Some of these processes may be useful to model aircraft scratch-builders. Some of the most interesting capabilities are:

3D Printing

They have the capability to print 3D shapes in a variety of plastic materials and colors. To use the 3D printer requires a .SVG file generated from a CAD design. The library will analyze the design to calculate material and process time required. After approval of costs and deposit of funds, the library will print the designs.

This process allows for the production of some interesting designs.

More and more 3D designs are becoming on the internet on sites like FliteTest. (<http://www.flitetest.com>)

There are now designs available which produce a complete 3D printed flying model.

It is essential to recognize that 3D parts may have internal voids. This reduces costs. Critical parts like motor bulkheads and landing gear mounts may have to be fabricated with denser than normal parts.

Muse Laser Engraver/Cutter

This is a laser machine that will engrave a variety materials (wood, metals, plastics stone and glass) It can also be used to cut materials (wood, plastics).

This machine would be ideal to cut balsa model aircraft parts developed as line drawings on .pdf format or from CAD designs. The machine can use graphic formats like jpg/jpeg/pdf and vector formats like .svg.

The machine use is free. Users must supply the base material and design data.

Helicopter Frequencies

21, 27, 29, 39, 41

Sailplane Frequencies

11, 12

Vinyl Cutter

The vinyl cutter can be used to cut various materials like paper and vinyl. It is a cutter and does not use a heat process. It could be of interest to modelers to cut decorative Monokote trim parts. It uses .PDF and .SVG input. The operation is free.

Some of the machines require little or no training. Others may be operated by users after some initial training. 3D printing is completed by library staff. Further details of the capabilities and requirements are available at the icube page at novilibrary.org.

The November 2019 Meeting

The 7 p.m. aviation video was on soaring and included a segment on dynamic slope soaring which is very exciting. It was an older video and showed them reaching a speed of 186 mph. Times have changed and dynamic slope soaring planes now reach speeds approaching 500 mph. Yes 500 mph!

The membership thanked **Rudi Reinhard**, with resounding applause, for being the chairman of our annual swap shop for all these many years.

Rudi reported that, unlike previous years, not all of the tables were sold as quickly as before, once the event was announced, but there was a big rush at end.

The club's profit from this year were about the same as in previous years. The attendance through the door was down by only eleven people.

Rudi also noted that he cannot see us doing this for too many more years as we are "running out of guys" in the model airplane hobby.

Dave Stacer said that we need someone at the other front door as a permanent job.

Unfortunately, we were short on people for the set up and tear down. We'll definitely need more participation next year.

Rudi also noted that it is hard to advertise the event because there are not many hobby shops anymore. The ones that do exist seem to cater to the "car guys".

Once again, we all thanked Rudi for working his tail off on this huge undertaking.

Dave Stacer, club treasurer, noted that the porta pottie at flying field will no longer be serviced until spring. Please use accordingly.

Lynn Morgan, club secretary, said that we are currently in our membership drive. The 2020 application is on our club Website. He also noted that he brings the 2020 membership cards to the meetings so you can get yours when you turn in your application, copy of your current AMA card and \$100 check.

Next, **Roger Wilfong**, club president, opened the floor for nominations of officers. None were received.

The election of officers was held and the following is the list of officers for 2020.

President: Roger Wilfong

VP: Ken Myers

Secretary: Lynn Morgan

Treasurer: Dave Stacer

Safety Officer: Bill Brown, Jr.

Board Member 1: Denny Sumner

Board Member 2: Bill Brown, Sr.

Tim Jesky, AMA District VII vice-president, was the guest speaker.

Tim brought along a nice batch of cookies, so the meeting was paused briefly for a cookie break.

Tim discussed the topic of altitude restrictions for our models.

At the time of this meeting, there are regulations in affect that change any pervious restrictions. There are some that are proposed, but none are actually in affect at the time of this writing.

In 2008 the FAA was charged with controlling all of the air space. The FAA was not happy with modelers not having altitude restrictions. There was a new law passed that gave the FAA the power to control ALL of the air space. First started with only a few limitations.

Now the FAA wants to restrict model flying below to below 400 in controlled air space.

There is a new meeting coming up soon with the FAA.

Tim let it be known that no flying club should sign a local contract with FAA until contacting AMA.

A question was asked about the requirement for transponders in our models. There is no requirement for them at this time. Should they become necessary, they will most likely be built into our “receivers”, which are today, actual “tranceivers”.

The AMA seeking the use of a flying app that would notify pilots that we are flying here.

Again, at this time there are no height restrictions, just watch for full size.

Tim also noted that we should fly safe and have fun!

November Show and Tell



Bob McDonald shared his Smith Mini-Plane. It was built using the Sig kit. He purchased the kit from Chuck Wooley at one of our previous swap meets.

Bob noted that it is a builder’s kit and requires some model building experience, since all of the wire needs to be soldered.

He has it powered with a glow Magnum Pro 40.

It is covered with silk and painted with automotive paint, polyurethane is fuel proof. The paint scheme is done in the Sig colors.

It weighs 5.5 lb.

2019 - 2020 Indoor Flying/Driving at the Ultimate Soccer Arenas

2019 -2020 Skymasters R/C Club Indoor Flying/ Driving at the Ultimate Soccer Arenas

The Best Indoor Flying Venue Anywhere!

Join Us on Tuesdays*

At the Ultimate Soccer Arenas

Where It Is Always Warm and Dry!

Located at 867 South Blvd., Pontiac, MI 48341

October 29th through April 14th

From 10 AM through 1 PM*

Spectators Welcome and FREE

Trainer Planes on Site

Come Check It Out

Single Flying Session ONLY \$10

Any 5 Session Punch Card \$40

25 Season Season Pass \$120

Pay at the door or register online at:

<http://www.skymasters.org>

Have Any Questions?

Contact the Event Director at:

indoorfly@Skymasters.org

Or call Fred at 248-770-3239

All Pilots MUST Have Proof of Current AMA Membership

A Special 3 Month Trial AMA Membership is Available

* Consult the Schedule on the Skymasters’ Website for Exact Times and Dates

Indoor Online registration is open at:

www.skymasters.org

Schedule:

NOVEMBER:

Tues. 5th

Tues. 12th

Tues. 19th

Tues. 26th

FEBRUARY:

Tues. 4th

Tues. 11th

Tues. 18th

Tues. 25th

DECEMBER:

Tues. 3rd

Tues. 10th

MARCH:

Tues. 3rd

Tues. 10th

Tues. 17th Tues. 17th
 * Mon. 23rd-4 hrs Tues. 24th
 * Mon. 30th-4 hrs Tue. 31st

JANUARY: APRIL
 Tue. 7th Tues. 7th
 Tues. 14h Tues. 14h
 * Mon. 20th-4 hrs. MLK Day
 Tues. 28th

Dates & Times Subject To Change.

Please note that a special area is set aside for electric RC Drivers. Did you note that Driving was added to the title?

Costs and dates are the same for drivers as fliers.

Indoor Flying at the Legacy Center in Brighton, MI

Start Date: Wednesday November 6

Time: 12 p.m.- 2 p.m.

Place: Legacy Center Sports Complex
 9299 Goble Dr, Brighton, MI 48116

Cost: \$10 cost per session

Don't let the cold keep you from flying

For More Information Visit the Hamburg Flyers
 Website

<http://hamburgflyers.org/forum/>

Flight Line Hobby Fall Seminar Schedule

3039 S. Baldwin Rd.

Orion Township, MI 48359

248-814-8359

Free!!!!

Nov. 2: Steve "Round and Round She Goes" - All aspects of control line flying

Nov. 9: Joe and George "Spray That Again" - A yearly favorite, painting and airbrushing tools and tips

Nov 16: John "Gotcha Covered" - Tools and techniques for iron on covering. Featuring live covering of a wing panel.

The Keith Shaw Birthday Fly-In Returns for 2020!
Yippie!!!!

I received an email from Dave Grife on October 25. The email contained a copy of the sanction for the 2020 KEITH SHAW BIRTHDAY BASH FLY IN to be held on Saturday, May 30, 2020.

It is noted as an open electric flying [event] with [a] "Special Guest of Honor theme". Enjoy a day with the "Pioneering Master of Electric RC Flight". 8 a.m. to 5 p.m. on Saturday [with] No landing fee. Donations for field maintenance and the provided lunch are appreciated.
 THEREFORE, I AM PLEASED TO ANNOUNCE!

The Upcoming Keith Shaw Birthday Party Electric Fly-in 2020

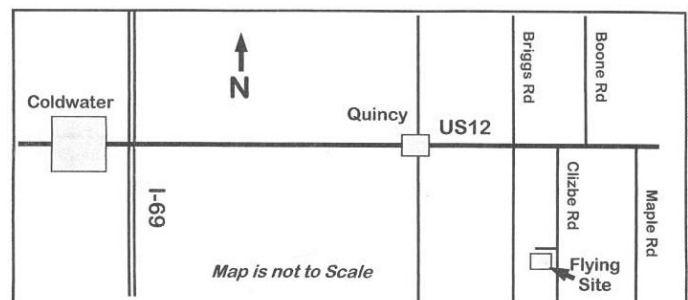
The Balsa Butchers are hosting the "Keith Shaw Birthday Party Electric Fly-In", for the 18th year, at their field near Coldwater, MI. The event takes place on Saturday, May 30, 2020. It is a one day event again this year.

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. - 5 p.m., Saturday. NO LANDING FEE! Donations for field maintenance and lunch appreciated.

For additional information contact;
 Dave Watson 517-250-6190 or
flybuddy619@yahoo.com
 Contest Director: Dave Grife - E-mail:
grifesd@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

The 2020 membership application is available at the club Web site,

<http://www.midwestrcsociety.org>,
for downloading with the link on the homepage.

Upcoming Events:

Oct. 29 - Apr 14, mostly Tuesdays, Indoor Flying at the Ultimate Soccer Arenas (details in this issue)

November 6 and on:

Indoor flying at the Legacy Center in Brighton, MI, (details in this issue)

December 4, Wednesday, Midwest RC Society Monthly meeting, 7:30 p.m. meeting/annual social, EAA Building Mettetal Airport, everyone with an interest is welcome, this is our annual dessert social with “white elephant” gift exchange.

**Annual December Meeting & Social
Wednesday, December 4, 7:30 P.M.**

We are continuing our tradition of an annual social meeting. The meeting features desserts and snacks, supplied by the club members. Denny Sumner will also be supplying coffee this year.

It is mainly a social meeting with plenty of talk and sharing of stories.

We also have a gift exchange for anyone who wishes to participate.

The gift exchange is NOT a true “White Elephant” type gift exchange.

To participate in the gift exchange, wrap up a modeling item that is still in very usable condition, but that you no longer need. It will be exchanged with others who’ve brought in these types of items as well. This is always fun!

See you then.

Midwest RC Monitor
Editor: Ken Myers
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The Next Meeting:

Date: Wednesday, Dec. 4, 2019

Time: 7 p.m. video, 7:30 Meeting

Place: EAA Building, Mettetal Airport