

**the**

# Monitor

May

The MRCS Officers

2019

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**Next Meeting: Date: Wednesday, May 1**

**Time: 7:00 p.m., or earlier, 7 Mile Rd. Flying Field**

**What's In This Issue:**

Getting You and Your Planes Ready: 2019 - April Meeting - Upcoming Mid-Am - EXTREMELY IMPORTANT NOTE ABOUT THE UPCOMING MAY FLYING MEETING! - Upcoming Events

**The April Pre-meeting Video**

The April video was another soaring video. It covered winch and bunge launches, finding thermals, staying in thermals and spot landings.

**The Evening's Planned Activity**

Led by Ken Myers

Instead of a presentation, **Ken Myers**, led a group activity.

The topic for the evening was getting you and your equipment ready for the 2019 flying season.

Ken broke the members up into three groups. Two groups were for electric only fliers and a second group consisted of electric and fuel fliers.

The task for the groups was to create a list of topics and items that should be checked before the first flights of the year.

The following is a combined list of their efforts and results.

**Getting You and Your Planes Ready Before the 2019 Flying Season**

By the Members of the Midwest RC Society

**Transmitter:**

If the transmitter uses NiCad or NiMH batteries, they should be cycled and their current capacity checked. They should be replaced if the capacity is not acceptable.

The transmitter needs to be wiped down and checked for possible loose nuts that hold the switches to the outside of the case.

If dry cells are used in the transmitter, the contacts should be cleaned and brand-new cells installed.

**Receiver Battery:**

If NiCad or NiMN battery packs are still used to power the receiver, they should be

**Helicopter Frequencies**

21, 27, 29, 39, 41

**Sailplane Frequencies**

11, 12

cycled and their capacity checked and replaced if necessary.

The packs connectors should also be inspected and checked to see if they are making good contact to other connectors.

### **The Airframes:**

Your FAA number needs to be displayed on the outside of the aircraft.

Your AMA number needs to be either on the outside or on the inside of the airframe.

It is a good idea to have your personal contact information on the inside of the airframe.

Physically go over each airframe, remember to include the wing(s) and not just the fuselage and... Check the integrity of all hinges.

Wipe the dust off and note any areas of loose covering that may need to be tightened.

Check the tightness of all screws and bolts including control horns, motor mount bolts, servo screws and servo mount screws.

Check all clevises for wear and test to see that they are firmly locked.

Check that the horizontal and vertical stabilizers are still firmly attached.

Check to see that all of the connectors going into the receiver are firmly seated, especially the aileron servo or aileron servo extension.

Check all servos, especially for possibly stripped gears.

Check to see that the landing gear is firmly attached to the airframe or in the wings.

Check over the prop and spinner for cracks, nicks or dings. Replace as necessary.

If the engine uses a glow plug, check it and put new, spare plugs with your support equipment.

If the engine uses fuel and is piston driven, check the compression.

If the engine is a 2-stroke or 4-stroke, be sure that the glow plug is only being supplied with 1.5 volts from a 1.5 volt battery or power panel.

If the engine is a 4-stroke, be sure the gap is set correctly.

If the engine uses fuel, clean the tank, lines and filters.

If the engine uses fuel, start the season with new fuel and replace fuel filters.

If the engine uses fuel, start the engine. If the engine doesn't start, clean if necessary.

If the plane uses glow fuel, be sure to use the correct nitromethane content: 5% to 15% nitro content with synthetic or castor oil for 2-strokes and 15% to 20% with synthetic oil for 4-strokes.

If the plane is equipped with control lines, clean the control lines and lead outs.

### **Radio and Range Check**

If at all possible, do a 360 degree range check at home.

The range check will also determine if the transmitter is still bound to the receiver. If the binding was lost over the layover period, rebind it.

While doing the range check, also note that the motor still rotates in the correct direction and that the moveable surfaces are still moving in the correct direction.

### **Field Support Equipment**

Round up all of your tools and other maintenance items that you take to the flying field and put them back into your field box, tote or other container that you always take to the flying field.

If flying electrically powered planes, check to see that your field charger is charging correctly and that all of the required adapters are also packed with or near the charger.

If flying electrically powered planes, check the state of charge of your stored power batteries and their connectors, both power and balance, to see that they are still making good contact.

Check field charging batteries to see that they are still capable of providing a charge to either a charger or

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power panel. Be sure to check the fluid level of batteries that require fluids.

### **Personal Items for the flying field**

Put sunscreen in the vehicle to be driven to the field.

Be sure that it is not past its affective date.

Put your hat where it will not be forgotten when loading planes and field equipment.

Be sure that your AMA and Midwest Club member cards are in your wallet.

Don't forget your sunglasses, even on a cloudy day.

It appeared that many people enjoyed this activity and being able to add their valuable input, as there were hundreds of years of modeling experience represented at the meeting, and it was fun to share thoughts and ideas.

A printable PDF version is located at: <http://www.theampeer.org/midwest/Midwest-Checklist.pdf>

### **The April Meeting**

**Lynn Morgan**, club secretary, noted that we have 48, including 6 life members. That means that we have 42 dues paying members at this point. That is just about the same as at the end of March last year.

**Dave Stacer**, club treasurer, noted that he is depositing membership checks when he receives them.

Both Dave and Lynn reminded everyone that our dues do NOT cover the total field expenses for the year. Dues are supplemented by the Friends of the Field Fund. Donations, in any denomination, are greatly appreciated to help keep us operating in the black. Friends of the Field donations are accepted at any time of year, all year long!

**Roger Wilfong**, club president, noted that our main entrance road is in need of a lot of work. Much of the crushed concrete, that was put down, leading to the new house, doesn't even look like it was there. At this time the house is well under construction. Roger noted that there is a step down off of the crushed concrete and onto our two-track entrance road. That will have to be taken care of.

Right now the flying field is still pretty soft with a lot of moister in the soil.

Road through farm is still very soft. The parking area is very soft and easily dented.

There is some standing water on east end of the flying field.

Roger is requesting help and advice from anyone on how to repair the road.

Mowing team captains will be get together soon to set up teams for the 2019 flying season.

### **EXTREMELY IMPORTANT NOTE ABOUT THE UPCOMING MAY FLYING MEETING!**

The May Midwest meeting is scheduled to be a flying meeting at the flying field on Wednesday, May 1.

That is an extremely tentative date and depends on the weather, as well as the condition of the flying field, parking area and entrance road. Please check the Midwest Web site for updated information on flying field usage as well as the actual date for the May meeting.

### **Upcoming 35th Annual Mid-America Electric Flies 2019**

#### **AMA Sanctioned Event**

(Proof of AMA membership required to fly)

Saturday, July 13 & Sunday, July 14

Hosted by the:

Ann Arbor Falcons and Electric Flyers Only

The 7 Mile Rd. Flying Site, Salem Twp., MI, is

Provided by the:

Midwest R/C Society

Contest Directors are:

Ken Myers phone (248) 669-8124 or

[kmyersefo@theampeer.org](mailto:kmyersefo@theampeer.org)

<http://www.theampeer.org> for updates & info

Keith Shaw (734) 973-6309

Flying both days at the Midwest R/C Society

Flying Field - 7 Mile Rd., Salem Twp., MI

Registration: 9 A.M. both days

May  
Flying from 10 A.M. to 4 P.M. Sat. & 10 A.M. to  
3 P.M. Sunday

Pilot Entry Fee: 18 and over, \$15 Sat. - \$10,  
Sunday, (ask about the family rate),  
Under 18, FREE  
Parking Donation Requested from Spectators

#### Saturday's Awards

Best Scale

Most Beautiful

Best Ducted Fan

Best Sport Plane

New Foam Flurry for NCM Aircraft

CD's Choice

Sunday's Awards

Best Scale

Most Beautiful

Best Mini-Electric

Best Multi-motor

New Most Unique NCM Aircraft

CD's Choice

Planes Must Fly To Be Considered for Any  
Award

Saturday's & Sunday's Awards:  
Plaques for 1st in each category

Open Flying Possible on Friday  
Night Flying Possible, Weather Permitting,  
Friday & Saturday Nights  
Refreshments available at the field both days.

Potluck picnic at the field on Saturday evening.

Come and join us for two days of fun and relaxed  
electric flying.

Come, Look, Listen, Learn - Fly Electric - Fly the  
Future!

Merchandise drawing for ALL entrants

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Special Events Again this year for NCM (Not  
Conventional Materials) aircraft  
Traditionally, model aircraft airframes have been  
mostly constructed from balsa wood, plywood,  
spruce, and fiberglass. For the purposes of this  
meet, NCM airframes are mostly constructed  
from not conventional materials i.e.; sheet foam,  
foam board, cardboard, block foam, foam  
insulation material, etc.

Foam Flurry for NCM aircraft: This is a true  
event. It is based upon the all up/last down event  
of early electric meets. Any NCM aircraft may  
be used (no ARF types). Power systems are  
limited to a maximum of 3S (no paralleling) LiPo  
batteries or 4S maximum, no paralleling, for  
A123 packs. All planes qualifying for this event  
will launch at the same time, and the last one to  
land will be declared the winner.

Most Unique NCM Aircraft Award: An award  
will be given on Sunday to an aircraft in the  
NCM category that is judged as 'most unique' by  
the Mid-Am panel of judges.

\* \* \* \* \*

To locate the Midwest R/C Society 7 Mile Rd.  
flying field, site of the Mid-America Electric  
Flies, look near top left corner of the map, where  
the star marks the spot, near Seven Mile Road  
and Currie Rd.

The field entrance is on the north side of  
Seven Mile Road about 1.6 Miles west of Currie  
Rd.

Address: 7419 Seven Mile Road, Salem Twp., MI  
48167 - numbers are on the fence.

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

**The 2019 membership application is available at the club Web site,  
<http://www.midwestrcsociety.org>,  
for downloading with the link on the homepage.**

**Upcoming Events:**

**Wednesday, May 1**, Midwest monthly flying meeting, 7:00 p.m., or earlier for best parking, at the Midwest RC Society 7 Mile Rd. Flying Field. **Note the the date is EXTREMELY TENTATIVE! CHECK THE Midwest WEB SITE FOR UPDATES ON THE DATE AND TIME.**

**<http://www.midwestrcsociety.org>**

Everyone with an interest is welcome. Proof of AMA membership is required to fly.

**Sat. & Sunday, July 13 & 14**, 35th Annual Mid-America Electric Flies, at Midwest, (details on Website and in this issue)

**The 2019 Membership Application Posted**  
<http://www.theampeer.org/midwest/currentapp.pdf>

The Midwest RC Society 2019 Membership Application has been posted to our Website.

Please download it soon, fill it out, make a copy of your AMA card and then send that all to our club secretary or bring it to any meeting through March. Please make that sooner, rather than later.

Midwest RC Monitor  
Editor: Ken Myers  
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**The Next Meeting:**

**Date:** Wednesday, May 1, 2019

**Time:** 6:00 p.m. or earlier for best parking

**Place:** 7 Mile Rd. Flying Field