

the

Monitor

May

The MRCS Officers

2021

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Next Meeting: Date: May 5, 2021

Time: 6 p.m. or earlier **Place:** The Flying Field

What's In This Issue:

April 5, 2021 Zoom Meeting - 2021 Mowing Information - Weekly Float Flying on Wednesday Morning at Addison Oaks - Upcoming Skymasters RC Club Night Fly and Bonfire - Upcoming Keith Shaw Birthday Electric Fly-in - Upcoming Mid-Am - Upcoming Events

April 5, 2021 Zoom Meeting

Before the actual meeting started, there was quite an interesting discussion about making props and folding props.

There were 14 members present and our guest speaker, **Mark Lanterman**.

Mark runs Old School Model Works.

<https://www.oldschoolmodels.com/>

Mark's father was Jim Lanterman who was part of World Engines out of Cincinnati, OH. He noted that he "grew up at World Engines".

He also noted that he was in charge of the ads for Model Aviation until about 3 years ago.

He promoted his new Kaos, which is already in high demand, and had only started shipping on the previous Friday.
<https://www.oldschoolmodels.com/kaos60.htm>

Externally the new Kaos is the same with same incidences and motor thrust angles. Internal design/construction was changed.

The photos are from the Old School Model Works Website.



Old School Model Works Kaos 60

Helicopter Frequencies

21, 27, 29, 39, 41

Sailplane Frequencies

11, 12

When asked what was his most popular model, he said that, originally, the RobinHood 25 was the best seller.

<https://www.oldschoolmodels.com/rh25.htm>

There was a general discussion about doing old models and the problem with copyright.

Mark does all of the designing and cutting of his kits himself and all of the provided hardware and other accessory items are sourced from the USA.

Greg Eilers and Mark had a discussion about altering models. Mark said that he thought that that was a good idea. In that way you can make own and unlike any other one at the flying field. Greg noted he's turning his Javelin into a tundra version with flaps.

We all thank Mark sharing his models and knowledge with us. Thank you sir!

After Mark's talk, **Lynn Morgan**, club secretary, noted that we have 38 paid memberships at this time and a total of 41 members. He also noted that that is about where we were last year.

At the time of this meeting the flying field seemed okay to use.

It was also noted that the mowing crews should be activated soon.

Greg Eilers said that he had contacted the Rib Crackers about possibly have a "fly together". He noted that that did NOT lose their flying site as it may be moved another area on the property, behind the building. We will Probably not have a joint fly them now.

The Solar Powered Charging Station

Last month, the possibility of a solar powered charging station was proposed and a committee selected to look into it. They were given funds, up to \$1500, to complete it, if possible.

IT WAS POSSIBLE!!!

By this meeting, the Solar Powered Station was completed thanks to **Lynn Morgan**, **Dave Stacer** and **Denny Sumner**. Thank you, thank you, thank you!

The guys met at the flying field during some of our unexpected really good spring weather and planned out where it would be placed. **Dave Stacer** explained how it was engineered on the fly.

Coming up with the battery box turned out to be an extremely difficult task.

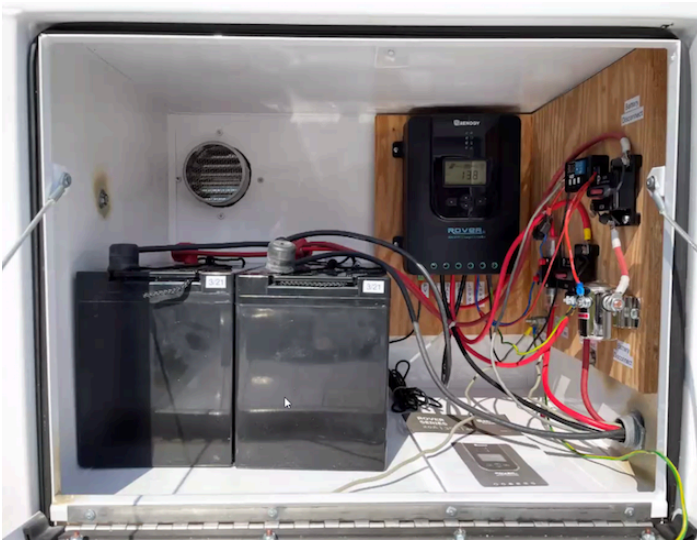
There were many, many, many hours a lot of physical work by **Lynn**, **Denny** and **Dave**.



Dave Working On the Wiring



Lynn and Denny Wiring Up the Solar Panel



Inside the "Magic Box"

Operations – to start



1. Turn Red switch clockwise to the green.
2. Push the black button
3. Plug your charger in. 4mm banana Jacks recommended.

How to Operate

Charger connections



The Connectors That Will and Won't Work



The Charging Station from Behind



Charging "A123" Packs in Planes is Possible



The Charging Station in Action

Features

- 2 - 100Ah deep discharge SLA batteries
- Low voltage disconnect
- Timer for automatic shutoff
- Cutoff switch
- Panel meter Volts/Amps
- 6 Charger outlets (4mm banana jacks)
- Bench for charger & packs
- Low bench for in airplane charging

The Features of Our Charging Station

Final Cost

Item	Cost
Panel and Controller	\$ 534.73
Batteries	\$ 360.38
Battery Box	\$ 238.35
Everything else wood, circuit breakers, wire, connectors, conduit, fittings, ground rod, power meter, timer, bolts, screws	\$ 395.63
Total Project Cost	\$ 1,529.09

The entire project went only slightly over budget. Great works guys!

Thanks to some extremely generous donations, including **Denny Sumner's donation** of the actual solar panel, that is NOT the actual cost to the club.

The club is still accepting donations from members to help offset the cost. Please send donations to **Dave Stacer**.

The club will also be requesting a grant from the AMA to also offset some of the cost of this project.

Greg noted that people should "Use common sense when using the charging station."

Arthur Deane said that we could have our annual "wives" picnic this year but that we should wait until the end of May to see where we are in the pandemic and do the planning.

The May meeting is planned to be at the flying field.

Dave Stacer is looking into a rider on our insurance policy for charging station.



Keith Shaw shared some of the details of his latest flying wing. He calls it the Stingray. (See the May 2021 *Ampeer* for more details.)



Ken Myers unboxed servos for the Jr. Falcon kit that he is working on.

Mark Freeland shared his recently covered Tow Line Glider, the Cosmos. The kit is available at Retro RC.

<http://retrorc.us.com/phantomfury-3-3-1-1-1-2-1.aspx>

2021 Mowing Information

Special Note: The field mowing teams and schedule will be posted to the Website, in the Table of Contents, once I receive them. KM

Please Note:

1. The mowing schedule is presented as a general mowing guide to help insure that the field is mowed at least once a week.

2. As shown each of the 4 mowing teams usually have a period of 4 weeks between their respective turns to mow, but this is subject to change (see below).
3. The schedule is NOT intended to be an unbending, all encompassing rule that covers every situation.
4. Each Team Captain is empowered to adjust his team's mowing time and day if required due to weather, special events or another reason; he is responsible for communicating his adjustments to all the members of his team.
5. In case of vacation or a leave of absence, it is the Team Captain's responsibility to swap weeks with another Team Captain.
6. Additional cuttings are at the discretion of the Team Captains.
7. The attached schedule will NOT be modified for any of the changes listed in items 4, 5 or 6.

**Wednesday is mowing day (weather permitting)
otherwise Thursday before 6 p.m.**
Typical Mowing times: (TBD)

Flight Instructors, please consult the mowing schedule and mowing team leader prior to scheduling training sessions to avoid conflicts.

Team members, PLEASE call your team leader if you are unable to show up for field work. All team members must check with their Team Leader for the actual mowing time.

Any team member whose personal schedule conflicts with his team's mowing schedule should contact Bill Brown, 248 379-4935, for reassignment to another team.

ALL TEAM LEADERS AND MEMBERS MUST BE CHECKED OUT BEFORE RUNNING ANY OF THE EQUIPMENT USED TO TAKE CARE OF THE PARKING AREA OR FLYING FIELD.

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SAFETY FIRST

NO SMOKING IN OR AROUND THE STORAGE AREAS!

NO REFUELING of EQUIPMENT INSIDE THE STORAGE CONTAINERS!

All Hand and Riding mowers:

Check oil before mowing!

Ford Tractor Rules:

Check oil and water before mowing!

Do not exceed 1850 RPM!

Always mow in 2nd Gear- never in 3rd Gear!

No high speed turns!

Keep cut grass away from the grill and the radiator!

Report any equipment problems to Roger Wilfong
248-349-9079.

Weekly Float Flying on Wednesday Morning at Addison Oaks

From Joe Hass via email

We will soon be starting our weekly Float Flying on Wednesday mornings at Addison Oaks County park. Please review the attached flyer for specific details.

In brief:

Only 2.4 GHz Systems are allowed.

All pilots must have valid AMA.

There is a one time \$5.00 charge.

There is a retrieval boat.

E Mail bulletins are sent out to confirm each Wednesday session.

If you are interested please contact me to be added to our mailing list.

This is a low key, fun event all summer long.

We hope to see you there.

Joe Hass

joe_hass@gmail.com

248-321-7934

Addison Oaks Float Flying 2021 Sponsored by the Romeo Skyhawks RC Club

Every Wednesday, June thru September

Addison Oaks Oakland County Park

at Buhl Lake

1480 W Romeo Road, Leonard, MI 48367

Main Park Entrance on W. Romeo Rd (32mile) West
of Rochester Road

Past the Toll Booth then follow the signs to the Boat Rental

www.oakgov.com/parks/parksandtrails/addison-oaks

Flying from 9 am till noon, retrieval boat on site

Flying open to AMA Members -

Spectators welcome

Only 2.4 GHz radio systems are allowed

\$5.00 One Time Pilot Registration Fee

All Cars Need Daily/Annual Oakland County Park Sticker

Plenty of Free Parking

No R/C Boats During Flying Times

Weekly Email Notifications

For more information call Joe Hass at (248)

321-7934 joe Hass@gmail.com

Upcoming Skymasters RC Club Night Fly and Bonfire

From Pete Foss via email

Saturday, June 26, 2021 Night Fly with Bonfire
Event Flying starts at 6PM

Bring you own refreshments for the bonfire after flying

NO FOOD OR DRINKS WILL BE AVAILABLE.

MASKS REQUIRED UNLESS 6 FOOT SEPARATION.

Flying open to AMA members.

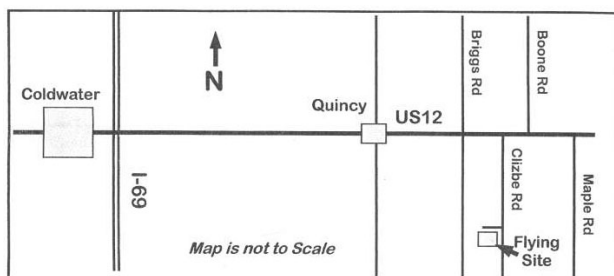
94dBa at 10 feet enforced

Flying field is located within the Bald Mountain Recreation Area, about 5 miles north of the Palace of Auburn Hills on Scripps Road between Lapeer Rd (M24) and Joslyn Rd.

For more information email
president@skymasters.org

Event Flyer at

<http://www.skymasters.org/index.php?page=events&pdflyer=data/flyers/2021/2021nightfly.pdf>



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:
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.

37th Annual Mid-America Electric Flies 2021

AMA Sanctioned Event (Proof of AMA/MAAC membership required to fly)

Saturday, July 10 & Sunday, July 11, 2021

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 email

kmyersefo@mac.org – <http://www.theampeer.org> for updates & info

Keith Shaw (734) 973-6309

Flying both days is at the Midwest R/C Society

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

Registration: 9 A.M. **Saturday**

Event Flying from 10 A.M. to 4 P.M. Saturday

Open Flying 10 A.M. Until You Leave Sunday

(Open Flying Saturday after the Event & All Day Sunday)

No Pilot Landing Fee

No Parking Donation Will Be Requested from Spectators

Awards on Saturday Only!

Best Scale
Most Beautiful
Best Mini-Electric
Best Multi-motor
Best Sport Plane
Foam Flurry for NCM aircraft
CDs' Choice

Planes Must Fly To Be Considered for Any Award
Plaques for winner in each category

The Field is Open for Open Flying All Day Friday
Night Flying Possible, Weather Permitting, Friday &
Saturday Nights

POSSIBLE Field Lunch (hot dogs, chips, water or
pop) Available on Saturday - depends on COVID
protocols

POSSIBLE Burgers, Brats and Potluck on Saturday
evening for Pilots & Their Guests - depends on
COVID protocols

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

The NCM (Not Conventional Materials) Event

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.

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:

May 5, Wednesday, Midwest RC Society Monthly meeting, 6 p.m. or earlier for best parking.

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

June through September 2021, Weekly Float Flying on Wednesday Morning at Addison Oaks sponsored by the Romeo Skyhawks RC Club (details in this issue)

June 26, Saturday, Skymasters RC Club Night Fly and Bonfire (details in this issue)

July 10 & 11, Saturday and Sunday, 37th Annual Mid-America Electric Flies, AKA the Mid-Am. (details in this issue)

Midwest RC Monitor
Editor: Ken Myers
1911 Bradshaw Ct.
Commerce Twp., MI 48390

The Next Meeting:

Date: May 5, 2021

Time: 6 p.m. or earlier for best parking!

Place: The 7 Mile Rd. Flying Field