

the

Monitor

April

The MRCS Officers

2016

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Ken Myers

Next Meeting: Date: Wednesday, April 6

Time: 7 pm video, 7:30 Meeting, EAA Building

What's In This Issue:

The March Video - Learning About LiPo Batteries:
Part 2 by Ken Myers - March Midwest Meeting Notes - March Show and Tell - Upcoming Area Events
from Joe Hass - Upcoming Events

The March Video

The March Aviation video was about helicopters. The video documented the helicopter's development. Very interesting!

Learning About LiPo Batteries:

Part 2

A Presentation by Ken Myers

Ken's full presentation, parts 1 and 2, are online at
<http://www.theampeer.org/Learning-LiPo/Learning-LiPo.html>

Ken used Web based videos to illustrate a few key points. The video links are in the complete presentation online.

The presentation was about incident containment. It included how to choose the right containment, be it LiPo Sacks/Bags, Bunkers, etc.

He also demonstrated how to calculate LiPo battery Watt Hours (Wh) and why that is important.

Other Storage Considerations were shown and discussed.

Videos of what happens when the wrong storage containment is chosen were viewed by those attending.

The March Meeting

Lynn Morgan, secretary, reported that we have 43 members, 38 are paid members. The \$25 initiation fee is now in affect for all people joining Midwest.

Dave Stacer, treasurer, reported that the fertilizer bill has been paid for 2016.

We welcomed two new members, **Jeff Byeon** and **Greg Eilers**.

Reminder: Always check the Web site for latest field use updates!

Show and Tell

Bill Brown shared his 1/6 Blériot XI ARF. Even though it was supposed to be

Helicopter Frequencies

21,27,29,39, 41

Sailplane Frequencies

11, 12

an almost ready to fly (ARF) type, Bill still had a lot of work to do on it. He changed the rigging to be more realistic and created a special battery tray, as the as he found the original unacceptable. He also found the plans and build notes to be quite marginal.



<http://www.maxfordusa.com/geebeemodelearf-1-2-2-1.aspx>



Lynn Morgan shared an electronics project. He obtained a transmitter module that could be programmed to fly many of the mini-multirotors.

He sent an email containing the following information on his project.

Quadcopter: eachine H8-mini

JR 8103 Transmitter module consisting of:

Arduino Pro Mini \$3.00

nRF24 Multipro PCB: from Goebish \$13.00

(interface board for voltage level conditioning and signal routing)

nRF24L01 2.4 Ghz transmitter module \$8.00

A very skill project Lynn!!!

Upcoming Area Events

A Visit with Hobbico

Pre-Toledo Visit

Monday, March 28

7 p.m. - 9 p.m. - Seminar

Tuesday, March 29

10 a.m. - 2 p.m. Open Indoor Flying** and Demos

At the Ultimate Soccer Arenas

867 South Blvd., Pontiac, MI 48341

No Charge to Attend

Public Welcome

Pilot's Prizes

** Indoor flying rules and pilot fees apply on Tuesday

\$7 for 4 hours of flying

Info: Joe Hass phone: 248-321-7934 email:

joe_hass@gmail.com

The 2016 Indoor Fling

The Cloudbusters & The Balsa-Bugs, In conjunction with The Michigan Indoor Aircraft Association present the 2016 Indoor Fling.

An AMA Sanctioned Class AAA Contest

AMA Category III Ceiling

Sunday, May 1, 2016

Ultimate Soccer Arena

867 South Blvd E, Pontiac MI

2 miles south of the Silverdome

Flying

9:00AM- 5:00PM*

Flying Floor split in half. South End for FAC – North End for AMA*

Entry Fees:

\$30.00 post marked by April 20 \$35.00 at door

Special {Junior Entrants

Entry Fee! Science Olympiad \$1.00 Junior Phantom Flash

Spectators – FREE!

Contest Director Winn Moore 248-830-6294

winn_moore@yahoo.com

Event Managers FAC- Mike Welshans 248-545-7601

Mbwelshans@aol.com

AMA - Paul Crowley 586-294-1236

usa2298@comcast.net

To change your email address contact Ken Myers at kmyersefo@mac.com

The 2016 membership application is available at the club Web site,
<http://www.midwestrcsociety.org>,
for downloading with the link on the homepage.

Upcoming Events:

March 28, Monday, Hobbico Pre-Toledo Show Preview and Seminar, Ultimate Soccer Arenas, Pontiac, MI (details in this issue)

March 29, Tuesday, Hobbico Pre-Toledo Demo during indoor flying, 10 a.m. to 2 p.m., at the Ultimate Soccer Arenas, Pontiac, MI (details in this issue)

April 6, Wednesday, MRCS meeting, video 6:50, meeting 7:30, 2016 Dues are due by this Meeting
Guest Speaker - Ken Myers

April 1, 2 & 3, Friday thru Sunday, the Toledo RC Expo, Toledo, OH

May 1, Sunday, 2016 Indoor Fling, indoor free flight contest, Ultimate Soccer Arenas, Pontiac, MI (details in this issue)

July 9 & 10, Sat. & Sun., 32nd Annual Mid-America Electric Flies - details to follow

Tuesdays, 10 a.m. to 1 p.m. Indoor Flying at Ultimate in Pontiac for 26 sessions, last Session April 19

Thursdays, Noon to 2 p.m. Indoor Flying in Brighton, last session April 29

See the Area Event page on the club Web site for the special indoor flying dates at both venues.

Midwest RC Monitor
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