

the

Monitor

June The MRCS Officers 2012

President: Arthur Deane 21690 Bedford Dr. Northville, MI 48167 Phone: 248.348.2058	Vice-President: Ken Myers 1911 Bradshaw Ct. Commerce Twp., MI 48390 Phone: 248.669.8124	Secretary: Lynn Morgan 15790 Penn Livonia, MI 48150 Phone: 734.679.8468
Treasurer: Scott Rellinger 15003 Ellen Drive Livonia, MI 48154 Phone: 734.462.0778	Safety Officer: Dave Stacer 16575 Brooklane Blvd Northville, MI 48167 Phone: 248.924.2324	Head Instructor: Ken Myers 1911 Bradshaw Ct. Commerce Twp., MI 48390 Phone: 248.669.8124
Newsletter Editor: Ken Myers	The Next Meeting: Date: Wednesday, June 6 Time: 6:00 p.m. or earlier at flying field	

What's In This Issue:
 More on the Bill Brown and Bill Shaftmaster Celebration - Throw Gauge – A Safe Way to Check Prop Rotation On A Motor - An Electric Altair - The May Flying Meeting - Mowing 2012 - Member Help Needed - Ole Yeller is Back - Field News a Thanks - MRCS at WOW - Upcoming Events

**More on the Skymasters' April Pre-Toledo Meeting
 And
 Bill Brown and Bill Shaftmaster Celebration**
 From Joe Hass via email
 Photos by Fred Engleman

new electric offerings including the updated Habu EDF.



The meeting was extremely well attended. Horizon Hobby representatives previewed many of the items that they were showing for the first time at the Toledo RC Expo. The modelers attending the meeting were interested in many of the non-electric related items, as well as the



Joe Hass presented both Bills with some “New, exciting products from the Horizon Hobby Family specifically for the Nonagenarian!”

The first “present” was the Hanger 9 P.E.D. (Pharmacological Enhancement Dispenser). Perfect for making sure the Nonagenarian is up to the tasks of the day.

Helicopter Frequencies
21,27,29,39, 41
Sailplane Frequencies
11, 12



The 2nd was the JR V.S.D. (Vertical Stabilization Device). The easy to secure curved handle has a lucky rabbits foot, reflector and rear view mirror. The mirror has the special notice, "Airplanes in mirror are closer than they appear."

The 3rd, and best, was the S.T.T. (Spektrum Transmitter Tray). Every Nonagenarian will be proud to show up at the field with the S.T.T. Not compatible with the DX-18. No one over 60 knows what to do with 18 channels.

Thanks also go to Fred Engleman for the photo of the two Bills used in the May 2012 Midwest Monitor.
 KM



RC Throw Gauge

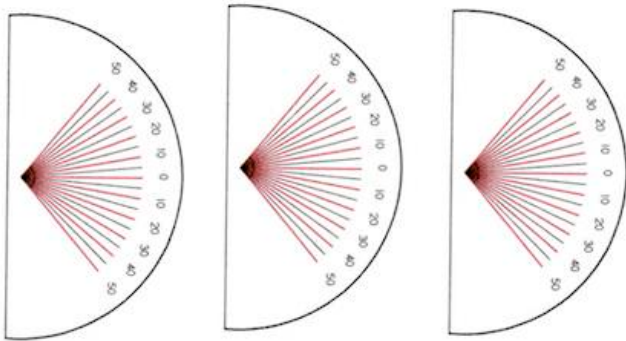
by Dennis Sumner, Midwest RC Society member, via email

The gauge is made with a few simple parts with the Hayes Micro Clamp #104 (Tower LXX854) being the heart of it.



The gauge can be assembled in less than an hour with simple scraps. I used some scrap .032 pushrod

wire, 1/4" balsa, 1/2" long piece of 1/4" dowel, a clamp on sinker from my fishing tackle box and a small wheel collar. The gauge was done with a CAD program and there are enough on the sheet so that you can make one for your friend at the same time.



The full size gauge template is found online at <http://www.theampeer.org/ampeer/ampjun12/Angle-Throw-Gauge.pdf>
KM

Start by cutting a gauge out and tracing it onto the balsa or lite play scrap. Use a pin to mark the center of the pointer on the balsa scrap. Drill out the balsa or lite ply to accept a 1/4" dowel, then cut the gauge face out.

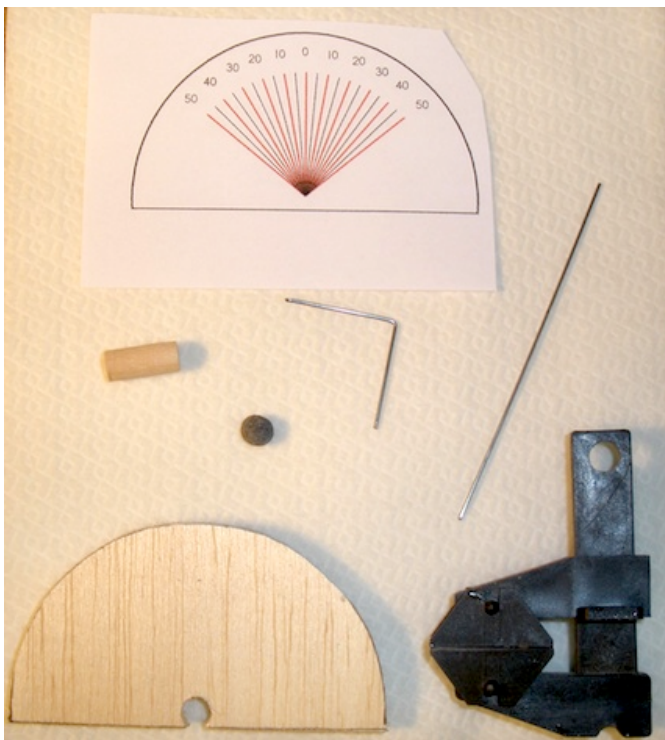
The hardest part of building the gauge is drilling a hole in the center of the 1/4" dowel. When that is completed, glue the dowel to the gauge face with the front flush and then glue the gauge to the balsa.

Use a scrap .032 wire from some park flyer pushrods for the pointer. Cut one piece to about 3 inches long and another to 1.25" long. Bend the 1.25" piece with a 90 degree bend. That piece is going through the 1/4" dowel and should be long enough to extend through the dowel to attach a collar. Thick Zap glue the wires together. Use a piece of heat shrink to cover the joint. Use a small split lead fishing sinker and crimp it onto the bottom of the pointer.



Slide the pointer onto the gauge assembly and use a small wheel collar to keep it in place.

Drill an undersized hole in the handle of the Hayes micro clamp that can be enlarged to a snug friction fit for the 0.25" dowel so you can adjust the gauge to "0" when attaching to the control surface.



A Safe Way to Check Prop Rotation On An Electric Motor

From Arthur Deane, President of the Midwest RC Society via email

Ken,

I don't know whether you saw this in the June 2012 edition of *Model Airplane News*.

It is an answer to a major safety issue - how to determine the rotation of a brushless motor without having to have a prop attached.

It certainly needs to be broadcast around.

AJ

What Arthur was referring to is a tip by C. Robert Gladding of Tavistock, Ontario, Canada. He suggests wrapping a 3" to 4" piece of tape around the motor shaft and sticking the ends together to form a "flag" and then watching the rotation of the tape "flag" when the motor is turned on.

I've been doing a lot of motor testing recently and wanted to know whether I'd gotten lucky or not while hooking up the three motor leads of the outrunner brushless motor to the electronic speed control (ESC). I used the method recommended by Robert and Arthur, with one modification. I used a marker to put a big black dot on one side of the tape "flag". That made the rotation determination extremely easy. That is a super safety tip!

An Electric Altair

From Pete Waters via email



My almost completed Altair, waiting for decals and clear coating. Electric powered, I give in!

Pete

Mowing 2012

	2012 MOWING SCHEDULE							Rev. C
	April	May	June	July	August	Sept.	Oct.	
No.4 Team Captain								
Richard Sievert 248-349-8058	25	23	20	18	15	12	10	
No.1 Team Captain								
Bruce Ferns 734-451-2952	4	2,30	27	25	22	19	17	
No 2 Team Captain								
Jesse Brunais 734-679-8500	11	9	6	4	1,29	26	24	
No.3 Team Captain								
David Stacer 248-924-2324	18	16	13	11	8	5	3,31	

Wednesday is mowing day (weather permitting) otherwise Thursday before 6 p.m.

Flight Instructors please consult mowing schedule prior to scheduling training sessions to avoid conflicts.

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 mowing time.

Any team member whose personal schedule conflicts with his team's mowing schedule should contact Bill Brown, 734 420-2733, 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

**SAFETY FIRST
NO SMOKING IN OR AROUND THE
STORAGE AREAS!**

Midwest R.C. Field 7 Mile Road Year 2012
Mowing Teams

No. 1 Team	AM	No. 2 Team	PM
Bruce Ferns	734-451-2952	Jesse Brunais	734-679-8500
Donald Frandsen	743-261-8886	Tom Cwynar	248-437-0602
Alan Minsterman	734-673-7863	Mike Russel	248-930-7837
No. 3 Team	PM	No. 4 Team	AM
David Stacer	248-924-2324	Richard Sievert	248-349-8058
Ken Myers	248-669-8124	Jim Lapham	248-349-5405
Richard Sawicki	248-685-7056	Arthur Deane	248-348-2058
		Jim Rucker	248-348-5381

**Mid-America Electric Flies
Saturday, July 7 & Sunday, July 8, 2012**

Hosted by the:
Ann Arbor Falcons and Electric Flyers Only

Flying Site Provided by the:
Midwest R/C Society

Contest Directors are:

Ken Myers phone (248) 669-8124 or
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

Flying from 10 A.M. to 5 P.M. Sat. & 10 A.M. to 3
P.M. Sunday

**Pilot Entry Fee \$15 a day or \$25 both days
Parking Donation Requested from Spectators**

Saturday's Awards

Best Scale
Most Beautiful
Best Ducted Fan
Best Sport Plane
CD's Choice

Sunday's Awards

Best Scale
Most Beautiful
Best Mini-Electric
Best Multi-motor
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, Look, Listen, Learn - Fly Electric - Fly the
Future!

Merchandise drawing for ALL entrants

The May Flying Meeting



The May flying meeting was postponed until Thursday, May 10. That turned out to be a very wise decision, as it was a perfect night for flying.

The turnout was very good! There were all kinds of planes taking to the air all evening long, including Ron Milon's impressive brand-new 100cc gas powered Ultimate. It flew beautifully!

A super field dinner was prepared by Jim Lapham with the assistance of Rich Sievert and Arthur Deane. Chili was added to the menu as a special surprise.

A new member, Vince Linton, joined and got a chance to be buddy boxed that evening. Welcome Vince!

**Midwest RC Society Member Help Needed for the
Mid-America Electric Flies**

The Mid-Am is an event sponsored by the Midwest RC Society, Electric Flyers Only and the Ann Arbor Falcons. We need Midwest members to man the concession stand and parking on both days. All monies collected from the concession stand and parking go directly to the Midwest treasury. It is our second largest fund raising event of the year.

Volunteering your time, even an hour or two, is very much appreciated and fulfills your obligation as service to the club. Article 7 Number 6, "Membership acceptance and renewal shall be contingent upon active, demonstrated participation in

MRCs activities. All members will serve on at least one MRCs activity and/or committee.”

<http://www.theampeer.org/midwest/bylaws.pdf>

Please contact **Arthur Deane**, our President, and co-ordinator for the Mid-Am, to volunteer. Arthur Deane, phone 248-348-2058 or email arthurdeane@sbcglobal.net

This is a great event, with a fun time being had by all, participants and workers. If you’ve never attended, this just might be the year to do it.

Come on out on July 7 and 8 and have some fun with us, and possibly even learn a little more about electric power.

Field News and a Thanks

From Arthur Deane, MRCs President



Old Yeller has once again made his annual appearance at the flying field and is busy upgrading the road into the field. This has improved the surface considerably. Many thanks to **Jim Lapham** and **Ole Yeller**. Your work is very much appreciated.

Friends of the Field Appeal

The Officers would like to thank all those who contributed to the recent Friends of the Field Appeal. Sufficient funds were donated to cover the field fertilization program and the purchase of additional materials to improve the entry road. Additional work will be done on the road in the coming month.

Midwest Members at the RCCD Electric Meet

A Short Report by Ken Myers



RCCD had an ideal day for their electric fly-in this year on May 19. Midwest members Ken Myers and Paul Sockow pitted together and their planes may be seen in the photo. Keith Shaw pitted “just down the way.”



The Radio Control Club of Detroit puts a lot of work into this fly-in, and it is a lot of fun. You might want to add it to your schedule next year.

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

The 2012 membership application is available at the club Web site,

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

IMPORTANT: Channels 36 & 56 May NOT be used at the 7 Mile Rd. Field

Upcoming Events:

June 6, Wednesday Midwest monthly meeting. 6 p.m. or earlier. Remember to check the Midwest Web site and your email for any possible changes.

July 7 & 8, Saturday and Sunday, Mid-America Electric Flies - note that the field will be open to all members after 5 p.m. on Saturday and about 3:30 on Sunday. Midwest members are needed to man the concessions and parking.

Detroit Aero Modelers (DAM) Upcoming 2012 Electric Fun Fly

www.detroitaeromodelers.com

**Saturday & Sunday
July 21st & 22nd, 2012
9 a.m. to 4 p.m.**

Alex Jefferson Field in River Rouge Park
At the corner of Joy Road and Spinoza

Open event for all electric aircraft & helicopters
NO LANDING FEE! Just come out and have fun!
The grill will be available for use for all pilots.
Spectators watch for free and are always welcome.

Contest Director:

Arden McConnell

313-274-3185

AMA Sanctioned

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

The Next Meeting:

Date: Wednesday, June 6, 2012

Time: 6 p.m. or earlier

Place: Midwest 7 Mile Rd. Flying Field