

the

Ampeer

April The EFO Officers 2009

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The Next Meeting:
Date: Saturday, April 18 **Time:** 10:00 a.m.
Place: Ribcracker's Field, Grand River Ave, New Hudson

What's In This Issue:
More about RCadvisor's Model Airplane Design Made Easy - Keith Shaw Birthday Party Electric Fly-In Announcement - Mid-Am Announcement - Indoors Up North - The February EFO Meeting - Indoor Fliers, Have You Seen This One? - The March EFO Meeting - Mark Freeland's e'Moth - Dremel Saw Blade Endorsement - Upcoming E-vents

**More about
RCadvisor's Model Airplane Design
Made Easy**

From Carlos Reyes
carlos@rcadvisor.com

My new book, RCadvisor's Model Airplane Design Made Easy, has wonderful reviews over at Amazon. It's usually on their bestseller lists. Amazon is discounting the book down to just \$17.95 and it's eligible for their Super Saver Shipping. Nothing beats that deal!

Link to Amazon United States:
<<http://tinyurl.com/rcadvisor>>

For those outside the United States, I've added links to booksellers from around the world that carry my book.

<<http://www.rcadvisor.com/content/model-airplane-design-book>>

If you already bought your copy from Amazon or elsewhere, you can now get the calculator subscription by itself for half price (\$9.95). Not too shabby.

<<http://www.rcadvisor.com/content/subs>

cribe-one-year>

You can still get free shipping if you order directly from my website. If you want your copy autographed or want to get the book/calculator combo, you can still get a great deal on that. Shipping to Canada is \$3.45 and to other countries \$9.95.

<<http://www.rcadvisor.com/products>>

Not sure you need the full version of the calculator for a full year? Get a one month subscription for just \$2.95. This is a great way to see what the EZ Optimizer can do for your airplanes.

<<http://www.rcadvisor.com/content/subs-cribe-one-month-trial>>

Other News

R/C Flight Cast just interviewed me. I really like how it turned out. The conversation covered the future calculator and book plans. Yes, there's another book in the works!

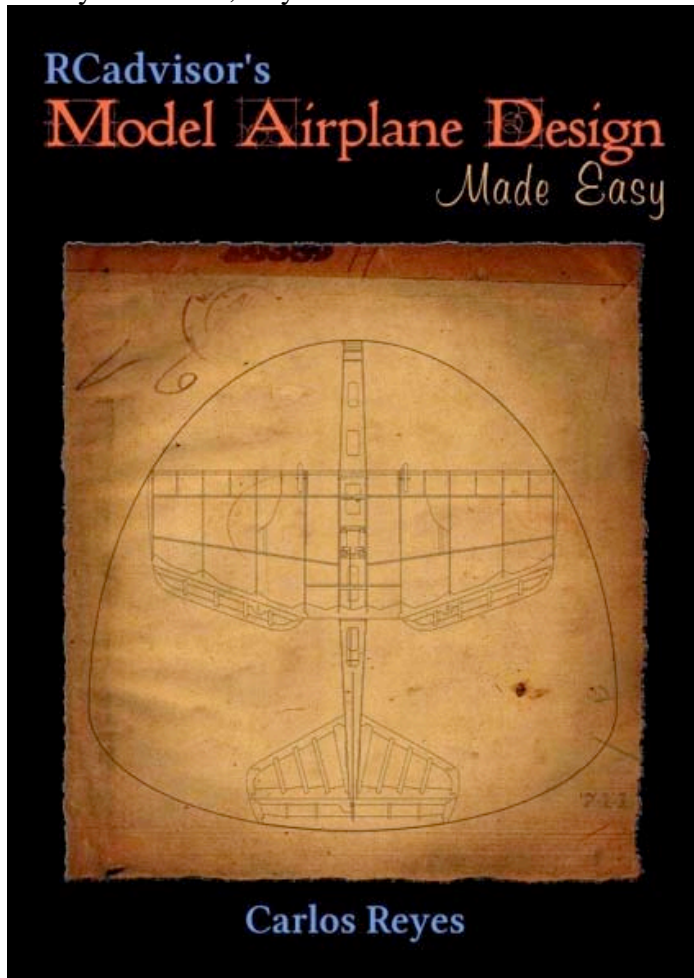
<http://www.rcflightcast.com/podcasts/1054/5833/RCFC_46.mp3>

I'm working on a video! Do you have pictures or a video clip of a model airplane design you are working on? Send me an email and tell me about it! I'd love to mention it.

Carlos Reyes

www.RCadvisor.com founder

Brainy calculator, so you don't have to be.



If you are thinking about designing your own model, this book is a very good addition to your library. It is easy to read and contains a lot of useful information. KM

Put This One On Your Event Schedule!
Keith Shaw Birthday Party Electric Fly-In
 From Dave Grife grifesd@yahoo.com

The Balsa Butchers will once again be hosting the "Keith Shaw Birthday Party Electric Fly-In" at their field near Coldwater, MI. The event will take place on June 6 and 7, 2009.

Contest Director: Dave Grife - E-mail: grifesd@yahoo.com or Phone: 517.279.8445
 Please e-mail or call with any questions

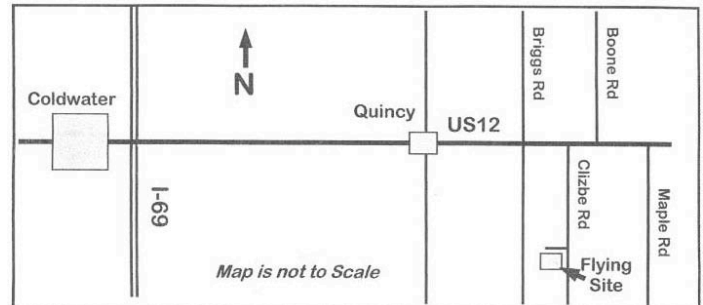
The Flying Field will be open Friday, June 5 for early arrivals

Saturday, June 6, hours are from 9 a.m. 'til 5 p.m.

Sunday, June 7, hours are form 9 a.m. 'til 3 p.m.

Landing Fee is \$10 for the weekend.

Directions: Quincy is approximately 4.5 miles east of I-69. Clizbe Road is approximately 1.6 miles east of Quincy. The Flying site is approximately 1.5 miles south of US-12 on the west side of Clizbe Road.



I love this meet. There is a lot of laid back flying with some of the Midwest's best pilots, Electric Flight Designers, Builders and Authors. I wouldn't miss it! It is a lot of fun for everyone with an interest in electric flight. KM

Mid-America Electric Flies 2008 At the 7 Mile Road MRCS Field Same Field as Last Year!

AMA Sanctioned
Saturday, July 11 & Sunday, July 12, 2009

Hosted by the:
**Ann Arbor Falcons and Electric
 Flyers Only**

Flying Site Provided by the:
Midwest R/C Society

Your Contest Directors are:
Ken Myers phone (248) 669-8124 or
 KMyersEFO@mac.com –
<http://homepage.mac.com/kmyersefo/>
Keith Shaw (734) 973-6309

Flying both days is at the Midwest R/C Society Flying Field - 7 Mile Rd., Northville 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

Channels 00 through 60, the six 27Mhz frequencies, the eight 53MHz frequencies and 2.4Ghz, will be in use. Flying on five 49 MHz frequencies may be accommodated on request - Narrowband receivers are recommended for flying on Channels 00 - 60 - Very Wideband 27, 49, & 53 MHz, receivers may be accommodated on request - 2.4Ghz controlled at impound

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

Saturday's Events

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

Sunday's Events

Best Scale
 Most Beautiful
 Best Mini-Electric
 Best Multi-motor
 CD's Choice

Planes Must Fly To Be Considered for Any Award

**Open Flying Possible on Friday
 Night Flying Possible, Weather Permitting,
 Friday & Saturday Nights**

Refreshments will be 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!

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

Merchandise drawing for ALL entrants

Possible Places to Stay

Please note that this list is not updated and some phone numbers may have been changed.

Novi Hilton
 21111 Haggerty Rd.
 236 rooms
 800-445-8667
 248-349-4000

Sheraton Oaks
 27000 Sheraton Dr.
 206 rooms
 248-348-5000

Travelodge Detroit
 21100 Haggerty Rd.
 124 rooms
 800-578-7878

Detroit Marriott Livonia
 17100 Laurel Park Dr. N.
 227 rooms
 800-228-9290

Hampton Inn Northville
 20600 Haggerty Rd.
 125 rooms
 800-426-7866
 313-462-1119

Wyndham Garden Hotel
 42100 Crescent Blvd.
 152 rooms
 800-222-4200
 248-344-8800

Holiday Inn Livonia
 17123 Laurel Park Dr. N.
 225 rooms
 800-465-4329
 313-464-1300

Hotel Baronette
 27790 Novi Rd.
 149 rooms
 248-349-7800

Days Inn Livonia
 36655 Plymouth Rd.
 72 rooms
 800-325-2525
 313-427-1300

Comfort Inn Livonia
 29235 Buckingham Ave.
 112 rooms
 800-221-2222
 313-458-7111



Photo of Entrance to MRCS Site off 7 Mile Rd.

Indoors Up North

From John Zook johnzook@voyager.net

Greetings to all down your way Ken.

The ALPS from Gaylord have again secured the use of the Alba school gym this year and more flyers have showed up this season with lots of Vapors, Embers, CX's CP's and now the new MCX from Horizon.

I personally have used my airtime practicing with my Esky Lama 4. This past Sunday the weather kept the group to a small number but those who showed up had fun. I finally got a chance to fly my latest which is a Stevens Aeromodel "1919 White Sport Monoplane. It is set up with the stock power system using a Blue Bird receiver and servos. The power system is a GWS LPS B2C and 200mAh Li-Po. I always use the GWS speed control made for Li-Pos, which makes things a little easier.

To locate the Midwest R/C Society 7 Mile Rd. flying field, site of the 2009 Mid -America Electric Flies, look near top left corner, 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 48167-9126 - numbers on the fence

Mid-America Flies Hotel List – 2009 Please call the hotels for current rates

Let me just say that from the start the Monoplane had a few problems taking off due to the landing gear design. I finally got it to ROG and to my surprise it flew very well. However the semi-scale wire landing gear began to give me some problems so back into my plane case it went.



John's Monoplane

Next the Lama 4 came out. After several minutes in the air and many attempts to correct the tail drift without success, it occurred to me that the control unit might be faulty. I also then noticed one of the top rotor blades was cracked nearly all the way through! I guess this is the time for a small reminder to always check the plane or heli over before flying, especially a heli.

My flying buddy, Jim Maine, brought out his MCX and gave me the transmitter for a few minutes. My observation of this heli is that this is one stable and easy to fly heli, hands down. Hats off to the folks at Horizon Hobbies for being able to produce such a stable flying Mini helicopter for such a great price. This is one company that is going to be around for a long time, if they continue to make such great little planes and helis for us.

Did I mention Vapors and Embers? A few have been busy creating their own unique planes by converting them to tiny bi planes. How about a Vapor Bipe or an Ember Bipe? Both planes looked awesome in the air as they did on the ground.

Even though the day was cold and we just received 10 inches of new snow, it's nice to be able to spend some time with other indoor flyers and forget about the weather outside.

Next month I will report on my conversion of a DJ Aerotech 1.5 M HLG to electric boost.

Till then keep 'em flying and stay warm.

Cheers,

John Zook (Charlevoix Area BUFFS)

The February EFO Meeting

The February 5 meeting was held at Ken Myers' house and was well attended with lots of projects shared.

Roger Wilfong brought in his F.E.2b. He had picked it up at a swap shop only partially completed and has turned it into a very impressive model.



Jim Maughan brought in his new Mountain Models aerobatic plane.



Hank Wildman shared three projects; his pink foam flying wing, larger size aerobatic plane and the retract system for his Corsair.



Ken Myers shared his completed wings for his new *Fusion 380* sport plane design and demonstrated how the semi-symmetrical wing was built on a flat surface with built in washout.



Indoor Fliers, Have You Seen This One?
From Bob Aberle

Ken,

Have you seen this: Horizon Hobby/
ParkZone (March 2009)

SUKHOI Micro Aerobatic– 1.1 ounce (34 grams)
Full four channel

DSM2 compatible – RTF aircraft complete less
Tx \$100



Jon Quisenberry gave us the lowdown on his new Thunder Power TP-1010C charger and balancer.

<http://www.horizonhobby.com/Products/Default.aspx?ProdID=PKZ3580>



ParkZone AR6400 Brick, 2.4 GHz SS, with ports to accept two external servos which provides full four channel control - built-in brushed motor ESC
ESC can be plugged into a brushless motor ESC into one of the external ports to operate a 0.6 or 2-gram brushless outrunner motor
Will sell separate at \$60.00

<http://www.horizonhobby.com/Products/Default.aspx?ProdID=SPMAR6400>



ParkZone new 1.5 gram sub micro servo with linear output and a connector compatible with sockets on AR6400 Brick for \$20 each.

<http://www.parkzone.com/Products/Default.aspx?ProdID=SPMAS2000>

Bob Aberle

The March EFO Meeting A Report from Jim Young

I was unable to attend the March EFO meeting held at Jim Young's house in Brighton, MI. Jim sent along the following report and photos. Thank you so very much Jim! KM

Hi Ken,

Here are the photos from the meeting...



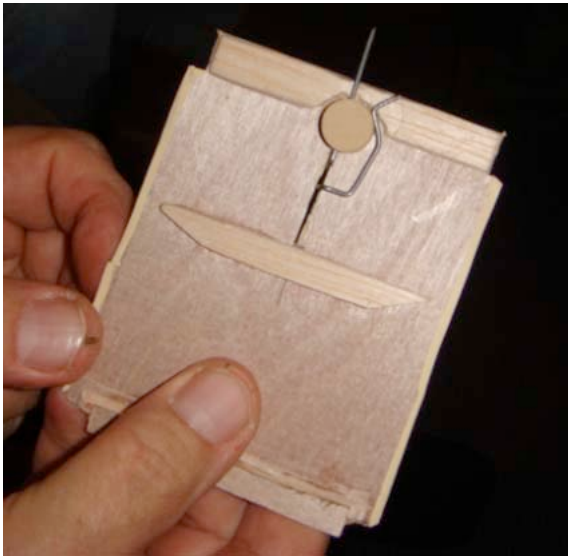
Roger Wilfong brought a new E Moth from Retro R/C. This laser cut kit features a two-position mount for the wing. It changes the wing incidence a few degrees for "park flyer" or "speed" performance.

Rick Sawicki brought a new EDF flying wing that is capable of ~110mph on the stock setup. Wing loading is kind of high, and it slides for 1000 feet on frozen Cass Lake when landing.

Arthur Deane brought a new Sopwith Bipe from Aerodrome Models. He used a clever latch design for the lower hatch. He also modified the front end with a pullout tray for the battery and motor. The latching mechanism was adapted from my little Waco.



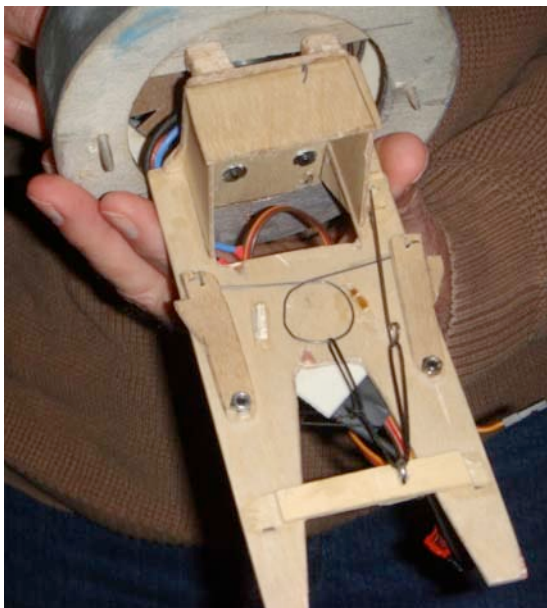
Richard Utkan brought a new foamie bird. It was very light, and his artistic side showed through in the color scheme.



Tim Young showed off his progress on his Cloud Ranger. The fuse and half of the wing is complete, and the other half is on the board. After that, he was off to bed.

There was some discussion regarding the next meeting. We are all hoping that it will be outdoors. If the Midwest field is not available in April, Roger said we should be able to use the Ribcracker field.

We then adjourned to my workshop for some hanger flying.



You are in our prayers. Let me know if there is anything I can do for you.

Jim

Rick Sawicki sent me some photos of his new EDFs, one of which he shared at the March meeting and was mentioned above.



Mark Freeland's e'Moth

From John Lewis hjohnlewis@hotmail.com



Hi Ken,

It has been some time since I last wrote to you but I thought that I would send you some photos of my latest project.

At the last Mid America Electric Flies, Mark Freeland had some prototype models of his "e'Moth". The concept of making a model from a kit, where every part was marked, basically only a flat surface and some thin CA glue was required to make it. Thus when Mark produced his first production batch of Kits, I bought two.

One I gave to my RC club in Lawrence for their "building nights" held once a week for new people to the hobby and the other I built.

The build was unusual from the point of view that there are no plans. The instruction booklet is complete

enough, to guide one through the building process with no mistakes. Every piece is laser cut and the fit was very good to produce a perfect model.

Some of the features are that it comes completely apart and can be stored/transported in a small case. The wings can be adjusted for flight in windy weather or calm conditions.

Mark has found a source of a motor plus speed control for \$18!! I used the E-Flite 370 outrunner with an E-Flite 10-Amp ESC and TP 910mAh 3S1P battery.

I am waiting for the weather to warm up here in Kansas City for the maiden flight.

Here is Mark's contact information.

Mark Freeland

Retro RC

PO box 193

Keego Harbor, MI 48320

www.RetroRC.us.com

Tel. (248) 212-9666

email: Mark@Retro-RC.net

Thanking you for all that you do for us
With best regards John

Dremel Saw Blade Endorsement

From Cedric Longman daddioo@longmanhouse.ca

Last month I noted that Micro-Mark is selling Dremel table saw blades. Cedric sent along the following note. KM

Hi Ken,

My son gave me the 40-tooth carbide tipped blade and a spare belt (my old one kept popping off) for Christmas and the blade is fantastic! I haven't used it much but the cuts in pine are as smooth as if they had been sanded. I am looking forward to using it on future projects! It makes you wonder how you ever got on with the old 'pressed steel' blade! I just thought I'd tell you what I found.

Regards,
Cedric

P.S. Enjoyed *Ampeer* as always, thanks.

Ampeer Paper Subscriber Reminder

When subscribing to or renewing the paper version of the *Ampeer*, please make the check payable to Ken Myers. We do not have a DBA for the *Ampeer* or EFO. Thanks, Ken

Upcoming E-events

All Tuesdays through the Winter Flying at the Ultimate Soccer Arenas, 867 South Blvd, Pontiac, MI (west of Opdyke on the north side of South Blvd) from 11 a.m. through 1 p.m. Check the Skymasters' website (skymasters.org) for event status throughout the winter. Five Sessions for \$25. Pilots must show proof of AMA membership For more information call Joe Hass 248-321-7934

March 20, Friday, indoor flying at the Saline Middle School Gym, 7190 N. Maple Rd, Saline, MI 48176
Cost: \$10.00 per flyer Time: 7:30 p.m. to 10:00 p.m.
Coordinator: Phil Smith: 734-429-4707 (call if any questions) E-mail: jphilipsmith@verizon.net

April 3 - 5 55th Annual Toledo Weak Signals R/C Expo ("The Toledo Show"), Toledo, OH info
www.toledoshow.com

April 19, Saturday First EFO flying meeting 10:00 a.m.
Midwest RC Society 7 Mile Rd. Flying Field

May 3 Sunday, 4th Annual Electric Fly-In at RCCD field, Sponsored by Castle Creations, Landing Fee: \$5 for Pilots, CD: Mike Pavlock 586-295-3053 Details at
www.rccd.org

Important Notice!

The EFO WEB site has had to move.

Now at: <http://homepage.mac.com/kmyersefo>



The Ampeer/Ken Myers

1911 Bradshaw Ct.

Commerce Twp., MI 48390

<http://homepage.mac.com/kmyersefo>

The Next Monthly Meeting:

Date: Saturday, April 18 **Time:** 10:00 a.m.

Place: Ribcracker's field, Grand River, New Hudson

Everyone with an interest is Welcome – current AMA membership required to fly