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The Next Meeting: Thursday, October 5, at Dublin Community Center located on Union Lake Rd. near St. Pat’s Church 7:30 P.M.

The HOT ONE

July 15 and 16 were two very hot days in Saline, MI. The Mid-America Fun Flies filled the skies with the best planes and pilots to date. The quality of the planes has reached the point where very good is the norm for performance and craftsmanship. There were some wonderfully outstanding efforts and e-power has definitely become the “experimenter’s area” for model airplanes. Many of the planes were original, with some very interesting kit conversions from glow. I know that every year I say that, but it is true.

There were 53 registered pilots on Saturday and near 50 again on Sunday. With this many registered pilots, there were well over 200 planes at the field each day. Floaters, rockets, scale, fun-fly, sport, wings, deltas, ducted-fans, multi-motors, biplanes - just name it and they were there.

The Ann Arbor Falcons and EFO members worked very hard, in the broiling sun, to see that their guests had a good time, and the contestants did, despite the oppressive heat. The frequency control went well, the food was ready, registration and impound were well manned - oops Debbie, Michele & Chris - I mean peopled!!!

As most of you know, Keith and I share CD duties, but many of you may not know that Dave Grife is also a very important person for this contest. He is the one who has set up the KRC type flight stations and sees that all things run smoothly in this area. Good job.

This meet wouldn’t be complete without the Saturday night picnic, which was truly outstanding. Dave Hare gets it all ready, made a wonderful, refreshing

What’s in this issue?

Mid-America Electric Flies Special Issue
Plans from Bill Bowne

Ralph Weaver’s C-130
fruit salad and grilled the steaks for the steak sandwiches. Wow, what a super job! Thank you so very much Dave.

**The contestants, and interested spectators, are the most important part of this event.** They came from all over including; Ohio, North Carolina, Illinois, Pennsylvania, Indiana, Minnesota, Wisconsin, South Dakota, Texas, Ontario and, of course, all over Michigan. This is their contest and they took full advantage of the beautiful flying site to showcase their creations.

It used to be that Keith Shaw would go out and present his fantastic planes and flying ability, and the crowd would respond with very warm applause, and they still do, but applause punctuated the whole weekend, as wonderful aircraft strutted their stuff. Many of us owe it all to Keith for leading the way. He should be very proud of the pioneering work he has done. Because of him, many of us are “where we are today”. We all salute you and thank you for your wonderful contributions to e-flight - Keith you are fantastic!

There were several special awards given out on Saturday. Longest Timed Flight - Ken Bates; All up/Last down - Ken Bates (Wow, what a glider guider he is!!) Most Beautiful - Jim Young for his 40 powered Skybolt; Best Scale - Lynn Carpenter for his Monocoupe; Best Multi-motor - Ralph Weaver for his C-130; and CD’s Choice to Jim Young for his fantastic flying Cub, a 90% Goldberg scratch built.

On Sunday the awards went to: Longest Timed Flight - Wayne Fredette; All up/Last down - Les Garber; Best Ducted Fan - Jim Dorsey for his flying wing; Most Beautiful - Lynn Carpenter for his Tiger Moth biplane; Best Scale - Dick Cordray for his Taube - CD’s choice Mark Thomson for his delta wing.

On Saturday there were 115 registered flights and Sunday 98. There were also the all up/last down flights as well as the ham and 27 Mhz bands, which brought the total number of sorties to near 300. What a busy weekend of flying.

Chad Sinke won the Airtronics radio, donated by Airtronics! Cool.

Speaking of sponsors we had some great ones. Check out the sponsor list at the end of the article. These are the folks to support with your hard-earned hobby dollars. Not only did Kirk Massey support us, he came up from Texas to provide his great product line directly to us at the field. I believe that most fliers and spectators visited his booth and came away with something. I now have a 10 lb. digital scale, something I’ve always meant to get and since he was there - got it!

Speaking of Kirk, he found out just how fast our weather can change, when he was caught off-guard by a fast moving thunderstorm, late on Saturday afternoon. Thanks to several folks at the field, he did get most of his stuff packed up before it was totally soaked or blown away. A special thanks to those of you who helped Kirk secure his gear.

Luckily there were only a handful of oops. My best buddy, Jeff Hauser, lost his beautifully modified Sky Tiger due to flutter; Dave Henshaw lost one on a take-off oops; Wayne Fredette had a mid-air; and Dave Grife’s TirStar blew apart in mid-air, all by itself, with a resounding POP, heard all over the flying site.

This part is a bit difficult for me to write about, because it directly relates to me. For many years, Charlie Spear was a participant at our annual e-fly. He was a wonderful friend to e-flight and really helped to bring it up to the state it is in today. He was always a joy at the field and shared all of his “newest” creations with a great zeal. For those of you who never had the chance to meet him, you missed meeting a true gentleman and great friend to e-power.

Keith and I had decided that we would start a perpetual “Charlie Spear Memorial Award” to be presented each year to someone who has advanced the cause of electric flight. There is a plaque, held by the Falcons, that will be brought to the field each year, with the winner’s name added to it, and a separate plaque for the winner to take home.

(continued on the next page)
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These are the GOOD GUYS - Support’em!!!

I was very much surprised when Keith called up John Mountjoy, Charlie’s friend and co-author for the electric flight column in “R/C Report”, and started to present the award. Keith and I hadn’t discussed who the award was going to, the reason for being surprised, but I figured he just went ahead and did it so that it could be presented that day, and I always trust Keith’s judgment anyway. In a few moments I found out why we hadn’t discussed it - you guessed it. I was suddenly moved and extremely proud to be the first recipient of this award. Shaking hands with John and Keith, hands weren’t the only thing shaking. I was truly overcome with emotion. I am very proud and happy to have received this award. I consider this the highest point I’ve ever reached in modeling. I am flattered beyond belief, and as I write this, my eyes are still honestly watering. Thank you all so very much. Thank you Charlie for being who you were, for you shall forever be a part of me, part of my e-flight experience, part of what is my life.

For those of you who sought me out to say thanks for the Ampeer, talk about making my day!!! I really appreciate the kind words. Ya think this wasn’t a great weekend for me? Wow.

Again, thanks to all of the Falcons, E.F.O.ers and contestants for making this one the great e-fly ins of the decade. I would recommend that you join us next July if you like e-flying, since this is what it is all about.

Please Note the Sponsors - They are the great ones!

A Great Way to Say Thanks
from Doug Ward, R.D. #1, Box 189, Irwin, PA 15642

Dear Mr. Kress:

You and Keith certainly do know how to run an event! In spite of the oppressive weather I was able to see more and talk to more people than would be otherwise possible at such attractions as the KRC. The turnout was excellent and all the work you guys did was first rate.

In keeping with the spirit of things, I have written a thank-you note to Kress Jets, Inc., expressing my gratitude for their raffle prize (copy enclosed). While I have seen some electric jet activity, I never gave it a serious thought until now. I might just give this thing a try.

In about three weeks Elaine and I will be setting out for an electric meet in Canada where I hope to do a little more cool weather flying. With our luck they’ll be in the midst of the heat wave of the century, but it won’t matter since I am now Michigan-trained to deal with it. After Canada comes the KRC followed by our own electric meet on September 30. Keith usually comes to this one. In October we will be veering south for the Gulf States Electric Meet in Louisiana --another excellent adventure--and that will probably end the contest circuit for the year. See what you can do when you're retired? (What a terrible thing to say!)

Let’s make the next school year your best one. Hals und Beinbruch!

This is Doug’s letter to Kress Jets, Inc.

Kress Jets, Inc. 
500 Ulster Landing Road 
Saugerties, NY 12477

Dear Mr. Kress:

I recently participated in the Mid-America Electric Fun-Fly in Michigan, a fantastic meet under the blazing sun of Ann Arbor, and at the pilots' raffle I was fortunate enough to win one of your products, an EJK 3.33 Clipped Tip Electric Ducted Fan, KR-5 motor included.

(continued on the next page)
More Thanks and an Interesting Offer!
from: Timothy P. McDonough
127 S. Oaklane Road, Springfield, IL 62707
(217) 523-8625 or timmed@cencom.net

Dear Ken,

Thanks for the great weekend of flying that you, Keith Shaw, the Falcons and the Electric Only Flyers put on in July. It was the most fun I've had at a fly-in in the 6 years I've been flying RC planes. I've just recently started exploring electrics and was very impressed by the people and planes at the event.

Enclosed is a sample of a T-shirt I designed that will appeal to the electric flyers in your club. Please keep the shirt for yourself, raffle it off to raise money for the club treasury, give it away as a "dead stick" award, or whatever you like.

If any of the Falcon's/EFO's are interested in additional T-shirts, my price to clubs is $12.50 per shirt plus $5.00 shipping for the entire order. All shirts must be shipped to the same address and paid for with a single check to get the club price. My regular retail price is $16.00 per shirt. The only sizes available are XL and XXL.

Yours truly,
Douglas Ward
RD. #1, Box 189
Irwin, PA 15642

(Thank you Doug. It has been a great e-year!)

More Thanks, Info and Pictures
from: Lester W Garber
2324 East 5th Street, Duluth, MN 55812
218-728-6827

Dear Ken,

Thanks to all of you for putting on such a wonderful fun fly! It would have been perfect if I could have brought along some of our cool northern Minnesota air! I learned so very much talking to electric flyers from all over the country.

The enclosed photos are an extra set and I thought you might like them.

For anyone who is interested, here are some statistics on my flying wing:

Design: Modified El Condor by Brian Shaw (May 94 RCM plan no. 1168.) Elevator and rudder only.

Design Modifications:
Lighter construction and MicaFilm covered. (80 in. span, about 1000 sq.in., about 5.90 oz./sq.ft. wing loading). Built up wing halves (38.5 in. half span, 4.8 oz. each) plug into vacuum bagged 3 in. wing center section (2.17 oz. with elevator servo) using a .250 dia. carbon fiber joiner rod.
Kevlar - epoxy body of my own design made in a female mold (1 layer .60oz. glass, 2 layers 1.7 oz. kevlar). Finished weight 1.58 oz...

Weight Data:

Motor: Hobby Lobby (GR1717) Speed 600 BB 8.4 V with 2.8:1 gearedrive.
Prop: Hobby Lobby (GPE12010) 12-10 (trimmed to 11.5 D to clear wing).
Batteries: 7 - 1700 SCRC. Total run time is about 8.5 min.. This gives 7 good 1 min. climbs and one last slow 1.5 min. climb. (pack weighs 13.3 oz.).
Radio: Futaba 4NBL-E (AM) Receiver MCR-4A with built in speed controller and BEC. Servos: 2 S3101. (I have several of these radios, my only complaints are the receiver/speed controller/BEC does not have a brake, the motor burps on now and then during glide and the speed controller will burn out if you try to run an Astro 05 FAI).

(Taken on the next page)
Comments on Design:

Over the last year I have built five versions of the El Condor using various motor and battery combinations. The first three no longer exist: Two were destroyed trying to get them out of thermals and one was lost in a thermal. The design is extremely stable and flies like an electric Playboy. Like most flying wings with reflex airfoils and plank configurations, it is almost impossible to stall if full up (45 deg.) elevator is feed in slowly.

Dead air times now average over 40 min. (8 climbs with 1 min. of power and 4 minutes of glide per climb). These dead air times are a consequence of the motor, prop, and battery system, not the flying wing configuration. A conventional design with the same drag, wing loading, and power system should fly a lot longer. Somewhere I read that given a flying wing and a conventional design with the same wing loading, the flying wing will have about twice the sink rate!

Looking forward to next year and have already begun my next project.

(Thanks for the data on your award-winning plane, and a special thanks for all the pics, some of which follow.)