



Next Meeting

June 6, 2013

Club Field

Next Event

Family Day

June 8, 2013

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President's Corner

The BCFO Charity Fly went off without a hitch again this year. I am very proud of our club and it's members for everything they do to make this event happen! When I asked for help I was overwhelmed with support. Great job guys!!

Don't miss part three of Dan's article on programmable radios. We tend not to make use of the tools at our disposal and I found this article very informative. Thanks Dan.

On another note—Our pattern fliers did very well at the latest contest with Dan taking first in Masters and George taking first in Advanced at the Lake Hillsdale RC Barnstormers Pattern Contest. Congratulate them when you see them.

See you at the field
Wes "Scott" Parker

Meeting Minutes:

Called together at 7 pm with seven members present.

The minutes of the April meeting were approved as published. Treasurer's report was also accepted as published.

Old Business

- The Lucas Oil Speedway Float Fly was rained out. Perfect conditions otherwise, so the event became a luncheon and was a success after all.
- Wes is to contact the mower and instruct him to have the grass runway and both approaches cut shorter than in the past.

New Business

- The details of the BCFO Charity fly were discussed. Jerry Kutz came through for us again, with securing donations from McDonalds. Wes will manage the food items otherwise. Darrell, being his generous self, offered his help in any way. Lynn offered his hand at cooking if the need arises. Russ will maintain the cash-box to offer purchasing of food items as well as items donated for the cause.
- Members from last year (2012) who have not renewed their membership will be contacted to initiate consideration of renewal.

Meeting adjourned.

Editor's Note

Consideration for filling officer's positions should be made by anyone willing to get further involved in the club's future and events. Taking the initiative and learning about the office you're interested in will go a long way in preserving the club and ensuring your voice is heard. We are not politicians and have term limits. Make a difference!



David Sleeth -Owner

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Programmable Radios (cont'd)... Exponential

The last thing I will bring up in this article is Exponential. This feature allows the pilot to really fine tune the feel of the plane. After the throws are mechanically set, dual rates are added and sub-trims and travels are adjusted, then comes the ability to make the plane-to-pilot link feel right. Expo allows the pilot to soften the feel of the stick movements mainly around the centers. This lets you smooth things out while still maintaining enough control throws to fly decisively. JR expo increases with positive (+) percentages, while Futaba increases with negative (-) percentages. Don't know why, but if you get them reversed planes can get really twitchy around neutral. No one can tell you what percentages to use. It is on a per-plane and personal feel basis. I generally fly with very reduced control throws and use between 30 and 35 percent expo on ailerons and elevators, and up to 70 to 90 percent on rudder. You can even use expo on throttle curves to smooth them out that much more.

I use a few tricks, or personal settings, on my planes in order to get the exact feel I want from plane to plane. I usually have a little less expo on left aileron and may have a touch more throw for the left aileron stick movement because I fly with my thumbs. (not a good way) And I have small hands. So, to keep a constant roll rate, both left and right, I need to have a little hotter left roll input. This does it for me.

I have also had planes that seem to want a bit more down elevator when flying inverted than I am comfortable feeling. So, I may reduce expo in the down elevator stick movement and/or increase the down elevator throw. Again, this is a feel thing, and varies from pilot to pilot, plane to plane. The beauty of it all is, the Transmitters help us get the feel and behavior we want. All we have to do is fly and try. If we put in a mix or expo we don't like, it is easily removed or modified. With a reasonably priced programmable radio, and a little flying time for trimming, you can improve your plane, your flying and your enjoyment! Hope this gives a little insight and is helpful. Thanks for reading.

Dan Curtis

Input from the Members

Thanks, Dan, for that informative article on improving flight via Tx programming! If anyone would like a printed version of this article, for ease in reference, ask me, the editor, and I'll see that you get one. It has helped me immensely!

The Weather is changing!

The field will surely begin to get busier and busier as the weather improves. Time to get those winter projects out there and prove their airworthiness, as well as your skill.

Field Maintenance Day

Will be upon us very soon. There are some tidying up issues to deal with and minor painting to take of on the newly recovered building's stringers. Get involved and make a difference.

The actual work that took place was removal of the junk north of the parking lot. The turn out was very nice! There was more food than anticipated and a great number of pilots that filled the sky! There were



all sorts of planes to watch and plenty of catching up to do, training to be done and proved to be a very successful

event!



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SPRINGFIELD R/C FLYING CLUB *395

Third Annual BCFO Charity Fly

Another great year for raising money for the Breast Cancer Foundation of the Ozarks! Marjean Oller, the Business Manager, was on hand to share in the fun and help with enlightening folks about the local efforts to cure breast cancer. It was the Springfield RC Club's pleasure to help out in this cause.



The event proved to be quite a get-together, despite the wind and clouds. There were many various aircrafts present, and even a couple great formation flights! A couple of the visitors had 100cc + gassers that wowed us, and a pair of Kaos did a fine job as well. Thanks for the show fellows!



Above: 100cc gassers flying in formation.

Left: Kaos vs Kaos

Below: A Bit of ProBro 3-D action going on.



The visitors were there to show their support and keep the air full of excitement for the spectators. We had 26 pilots register and brought in \$570 in fees

and donations. Quite an awesome contribution to the Breast Cancer Foundation of the Ozarks and quite the excellent efforts by all the members!

The attendance was slightly smaller than last year, but the weather, and other factors, played a huge part in it. Still a great turn out for us!

The people and the planes were a full day's chore to meet and see them all. There were



many different types and styles, and even some very unusually unique ones as well.

Leon Noel, a member and rather ingenious fellow, builds what I prefer to call aquarium flyers. We had one made in the likeness of Nemo's dad. Very neat and very durable aircraft! There were also static planes present. Not flown for whatever reason, they are still aircraft and we enjoy seeing them out! Great camaraderie and awesome flying



skills all make for a wonderful time for pilots and spectators alike! Thanks to everyone of you for helping with this cause. A special thanks to those who served the event and the public!!

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