

Meetings: (monthly) 2nd Wednesday at 7:00 p.m., at the Eye Center of Southern Indiana. 1011 W. 2nd, Bloomington, IN
***Club Meetings June September, Held At The Club's Flying Site**
Flying Site: 1 mile East of SR 37 on Wylie Road, Bloomington, IN
Website: <http://www.monroecountyrcc.org>

President: Mark Sexton 812-825-4343 cudaman321@aol.com
VP: Bruce Hoffman 812-876-6219 leslie@plantoday.net
Sec: Delbert Davis 765-342-7240 deldavis@insightbb.com
Newsletter: Brian Elliott 765-342-7236 bellriott@surf-ici.com
Webmaster: Vargha Manshadi 812-369-1117 simurgh@kullychaha.com

March 2006 Edition

*Special Note Again:

*If you are receiving this newsletter in hard copy form through the US mail & are able to receive it via the internet on a computer, please send me an email at bellriott@surf-ici.com. All the snail mail I send out costs the club money that could be better spent on public service events & flying site maintenance. It is also a lot of work putting together more than thirty hard copies of the newsletter every month. Waaaaaaa
 Thanks for your continued support of the Monroe County R/C Club.*

February Meeting notes

The February meeting of the Monroe County R/C Club was called to order at 7:04:50, after Delbert & Mark figured out who everybody was, with twenty-seven people in attendance.

After the normal review of the treasury & what we did last month, Delbert passed around the mail, which included a flyer for a swap meet in Fort Wayne on March 11.

Mark reported on the club web site. Vargha has secured a better deal for us that will take our monthly expense from forty bucks to twenty bucks. Thanks Vargha! The club also voted to pay Vargha for our web hosting for the next year.

Bob Watson went over details for our annual swap meet coming up on February 26. The plan is for breakfast at 6:00 (Cracker Barrel), Set up the building at 7:00. Vendors can get in the building to set up at 8:00 & the show opens at 9:00. No buying or selling before 9:00!!! (right). All times are A.M. & Eastern Standard.

Delbert made a proposal to standardize our dues structure for people joining midyear. After March, the dues would decrease by 10% per month. This requires a change to the club constitution & this is your notice that it will be voted on at the March club meeting. If you have any other suggestions for changing the club constitution or the by-laws, please contact Mark Sexton & he will call an executive session to discuss them.

Mark gave a general financial report. Kind of a state of the club address, just to let everyone know how close we are operating to the brink of disaster. He didn't call for a dues increase but we need to watch things closely.

Dr. Matt Fornefeld has announced that this year's annual airshow will be on August 13th. We will advertise a firm starting time (probably 1:00), & try not to compete with the Brickyard 400 this year.

Mr. Jim Scott has volunteered to CD the club fun-fly again this year. A date in May will be worked out in the next few weeks.

The annual club picnic has been scheduled for September 10 with Randy Byers & Tim Mellott manning the grill again.

Mark is going to try to organize an IMAA event at our field in 2006. A tentative date of September 23 was chosen because Tim Sparks said he could be there that day.

Our business & corporate sponsor's signs at the club field are getting pretty ratty looking. Some research is underway to get some new signs made & installed. Bill Black can cut letters up to 6" high & several suggestions were made as to the material to put them on. Stay tuned for more on the signs at a later date.

Our hero Jimmy Vanvleet made a motion to close the meeting at 8:02.

There were several nice items brought in for the post meeting show & tell session. Mark Calerbut built an electric jet, Charlie Thompson scratch built a new ag plane (Crap Duster) to replace the one he sold to Joe Rogers, & Tim Sparks brought in a wing. Randy Byers brought in a picture of a pilot he has on order for his Kadet. I believe it was called Dr. Strange Pork.

Interesting Bits

There have been some very colorful quotes from some of the members but I'm still trying to figure out how to reword them to make them printable here without losing the meaning & the humor. This is a family newsletter after all...

So U want to try a micro electric helicopter with collective pitch & think you can fly it in your living room. Think again. U better either be really good or have a living room the size of a basketball arena with nothing breakable in it!

Haley Ferguson got a P-51 trainer for Christmas. It's been up & trimmed. Now Haley is watching the calendar & hoping for an early Spring with some decent weather.

Jim Scott is waiting on the same weather to fly his Kadet that he got from Mike Habig, who got it from Charlie Thompson, who built it from a pile of sticks.

Randy Byers has a new red, white, & blue Goldberg Cub that he wants to try soon.

Joe Rogers is also waiting on that nice weather to try his new Cap 580.

Dave Poland now has a fleet of P-51s. Look for him at many of the upcoming swap meets.

It's been a mild Winter (so far) but the seemingly constant wind & rain has kept all but the real diehards from getting much flying in. If & when the weather finally breaks, the flying field is going to be a busy place. Make sure you're ready! Service those aircraft, check all your batteries, go over your checklists, & don't forget to renew your AMA & club memberships!

I stopped at Martinsville yesterday and some of the guys were asking about using lipo's and asked if I would send this to you for your newsletter.

Steven Maxwell (Johnson County R/C Flyers)

As many start to use Electric power for all applications in R/C, we have to take a close look at Lipo safety. It's pretty simple. **Double check cell count and charge at no more than 1C.** Use only Lipo approved chargers **and always charge in a safe container.** Battery Bunker makes a very nice container in 2 sizes as advertised in Model Aviation (Dec. 05 page 12). Many use other options like flower pots (have to close holes and never a tight seal). I have a Brinks fire safe for my big batteries (\$18 at Wally world). If you use 3 or more cells **use a balancer** and if possible use with your charger.

Don't try this at home! Thunder Power has been doing test @ up to 3C & they have had no problems with over 100 cycles. One point to make here is the expected life of the battery might and should be less than normal 1C charge rates. Just in case some don't know C= battery capacity , 1320 mah or 1.32 amps. Some other problems that happen with Lipo's are some ESC's cut off too late. To avoid problems here, just cut your flying time short and check no-load voltage. A good thing to do is check your voltage at the end of a flight with no load, never go below 3.3 volts per cell. For winter storage discharge or charge your packs to 3.85 volts per cell, and store in cool place, the refrigerator is great for this, never let freeze. When using in cold weather keep the packs warm till your ready to use. Some put them on the dash of the car to heat with defroster & some keep in their pockets but be careful of keys or other metal objects that could short the packs.

Lipo cells can get warm while using but should never exceed 150 degrees.

As with any battery **when in doubt throw it out. Let sit in a salt water solution for 24 hours, at a full discharged state (Lipo's only).**

A brief review: Never charge at greater than 1C some even find longer battery life if using 7/10 C. Never exceed 4.18 volts per cell. Never discharge below 3.3 volts per cell. C= mah. Use only approved chargers and balancers. There are 2 known reasons for Lipo fires. #1 over charge, #2 damage to the pack or cell. Even minor damage can be a problem so keep it in a safe place for

some time to make sure it's safe. If you have a charger that does an auto cell check, make sure it detects the right cell count. Some chargers with this feature, if attached to a full pack, will think it is an extra cell and charge at a higher cell count, causing a fire.

If I see you at the field using Lipo's, a verbal test will be given. LOL. Be safe and enjoy this new part of our hobby.

For any of you that don't know I'm doing a full size pattern plane this year as an electric, yes a 11LB plane.

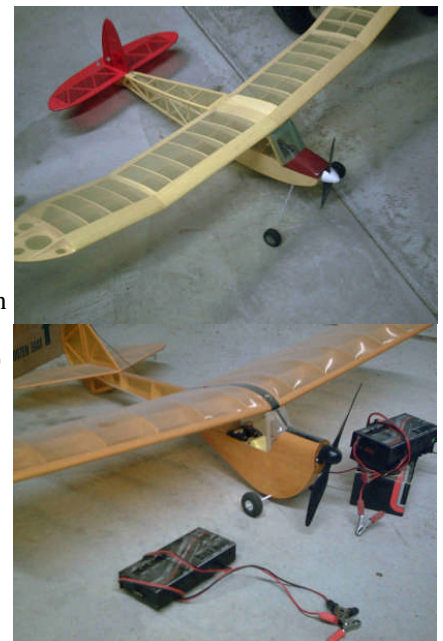
Any questions please E-mail at patternrules@earthlink.net



For Sale:

Here is a couple of airplanes that a gentleman in the Linton area has for sale.

There are two electric airplanes (Miss Bohemian and a Miss 2) that come complete with Hitec chargers and are on the same freq. (I don't know what it is) \$150.00 His info is James Dorraugh 812-798-2367 Give him a call with any questions you have. Regards, Robert DADSDDESIGNS Signs and Graphics



Delbert Davis is working on a new aircraft for the 2006 season. It's a Goldberg Tiger 60 & should be ready early this Spring.



Mark's Dad (Everett "Bud" Sexton) celebrated his 84th birthday with a road trip to Indianapolis to visit the hobby shop. Of course no trip to Indy is complete without a lunch stop & what better place to get refueled & make you feel young again than Hooters! Happy birthday Bud! We're looking forward to next year's trip already...



Event Calendar

- February 26, 2006 Annual MCRCC Swap Meet (Monroe County Fairgrounds) (Bloomington, Indiana)**
- March 8 Monthly Club meeting**
- March 11 Columbus Swap Meet (9:00 - 2:00)**
- March 11 Fort Wayne Swap Meet**
- March 25 Columbus Hamfest (8:00 - 2:00)**
- April 1 Indy Sportliners Swap Meet (9401 E. 25th)**
- April 7-9, 2006 Toledo R/C Expo (Toledo, Ohio)**
- April 12 Monthly Club Meeting**
- May 6, 2006 Steve Shoop Fly-In (Nashville, Indiana)**
- May 10 Monthly Club Meeting**
- May 20 ?? Annual Club Fun-Fly**
- June 8-11 Warbirds Over Arkansas**
- June 10-11 Dawn Patrol Rally (Kingsbury, Texas)**
- June 14 Monthly Club Meeting (at the field)**
- July 1 ?? Nothin but Cubs Fly-In (Club Cub Field)**
- July 12 Monthly Club Meeting**
- July 24-30, 2006 EAA Airventure (Oshkosh, Wisconsin)**
- August 9 Monthly Club Meeting**
- August 13 Annual Club Airshow**
- September 10 Annual Club Picnic (Club Field)**
- September 13 Monthly Club Meeting (Last 1 at the field)**
- September 23 ?? IMAA Fly-In (Club Field)**
- October 7, 2006 Nebo Memorial Fall Festival Fly-In**
- October 11 Monthly Club Meeting (Back in the Eye Center)**
- November 8 Monthly Club Meeting (Elections)**
- December 13, 2006 Annual Christmas Dinner/Meeting**