



**KCRC**

**KNOX COUNTY RADIO CONTROL**

**July, 2004 ---- Knoxville, Tennessee --- AMA Chapter 594  
Newsletter..jimscarbrough@charter.net --- Letter available online at  
www.rcpattern.com or at website [http:// home.earthlink.net/~ntelstar1/](http://home.earthlink.net/~ntelstar1/)  
I welcome all items to be placed in the newsletter. Send by the 20th of the month.**

### **The Ben Oliver Memorial**

By Scott Anderson CD

The field was ready and Friday afternoon we had about 10 pilots from various states show up to get some practice and catch up with old friends. Saturday morning, registration opened with the help of NSRCA AVP Cathy Reuther and Joel Hebert, who handled the data entry into the computer that was donated with the software by assistant CD Ed Hartley.

As the fog bank lifted, the pilots meeting got underway and six rounds of flying was announced to the twenty nine pilots flying, Denny Evans gave the invocation and the first round got underway. Jim Scarbrough arrived with an American Flag in hand and Paul Funk quickly raised it at roof level on the new sun shelter, very appropriate and patriotic for the holiday weekend. By 6pm, the last flier landed after completing four rounds for the day, leaving only two to be flown on Sunday.

Sunday morning arrived with heavy rains and a power outage at the field. The power problem was solved with a quick trip to a store and getting a power inverter to run the computer, and by 9:15, round five was started and by 11:00 am, round six was completed for the sportsman and advanced classes. A quick pilots meeting was held to see what the Masters and Intermediate pilots wanted to do. After hearing "we came to fly", round six was started with these two classes, the skies looked like it would rain at anytime and by 12:45 the last round was completed and the final score sheets were ran off and plaques were put together with the prizes.

The following donated prizes to the pattern meet, HobbyTown Knoxville, Morgan fuel, Boca Bearing, Bob Smith industries, Lone Star balsa, APC prop, Performance Specialties, SR Battery, Radio South and X-Cell Models. Cass Underwood at Top Notch Trophies did the plaques. I would like to thank the KCRC club members that came out to support and help at the meet. I also would like to thank Dennis Hunt for stepping in for Ed as assistant CD while Ed was recovering from eye surgery, Also Paul Funk and his wife and her family for setting up and running the concession stand ( the food was great ) . This contest had four father and son teams flying. The results are as follows.

#### Sportsman:

- 1st Jamie Evans
- 2nd Richard Witt
- 3rd Denny Evans

#### Intermediate:

- 1st Bryan Kennedy
- 2nd Keith Hoard
- 3rd Dave Craft

#### Advanced:

- 1st Jerel Zerestky
- 2nd A.C. Glenn
- 3rd Dennis Hunt

#### Masters:

- 1st Mike Hill
- 2nd Bruce Underwood
- 3rd Jim Ivey

This AMA Pattern meet was dedicated to the memory of KCRCer Ben Oliver who passed away recently. Ben never missed a chance to compete in any pattern meet he could get to. It is hoped that this contest might become a yearly event.

#### Club Officers

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#### Board of Directors

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Club Historian...June Cope..Phone 694-8687  
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### **Propwash by Phil Spelt**

Well, Gang, KCRC survived the big volunteer month of May, and now June is almost gone! With the shelter, the Club has completed the most ambitious project since the original field creation some 30 years ago. Everyone at the May Pattern Contest was very impressed and pleased with our addition to the field. My sincere thanks to all who worked so hard on it. As you will read elsewhere, the Pattern Contest was a success, as was the float fly in the middle of May. KCRC can collectively feel great pride in our facilities and activities!

I have nothing to report on for June, since I spent most of the month in Nebraska on vacation. Just missed a couple of contests in that state, one before we got there and one after we left. Maybe next year...

If you have not already read it, I want to draw your attention to AMA President Dave Brown's column in the latest (August) issue of *Model Aviation*. In it, he describes a meeting he had with the FAA, who are making noises about controlling and licensing R/C aircraft. THEY call them UAVs, or UVs (unmanned aerial vehicles or unmanned vehicles). The source of the burr under their saddle appears to be a few R/Cers who have flown unsafely and bragged about it on the internet. If you think we are not being watched, just read Dave's column. We MUST fly safely! The Feds are taking control - and I thought the Republicans wanted less government???

This is the Wingman turning final...pfs

# At the Field

Well, The AMA Pattern contest got under way as scheduled on Saturday morning, May 29th, with twenty nine flyers present and ready to fly. The weatherman was promising sunshine but fog in the early morning. Phil Spelt took his model up to check the ceiling and found that it



was high enough to begin the competition. The field looked pretty good with the new shade structure and everyone was taking advantage of it. There are

several folks who attend most of KCRC activities and here is one of them. This handsome gentleman is Bruce

Underwood who hails from Alabama and just happens to be the presiding president of the Senior Pattern Association. It's always a pleasure to have these fellows show up and compete.



One guy who ALWAYS flies in our pattern contest but did not make it this time is Ed



time is Ed Hartley from KCRC who had eye surgery a couple of days ago and could not fly. He did show up for a few minutes to see old friends.

Scott Anderson, who directed this

event, did a fine job. There was food prepared by Paul Funk's wife Tasha and her parents, Carroll and Deanna Atkins. It looked like they had a very efficient operation set up. All proceeds from the sale of food will go as a donation to the Hospice House of Knoxville. They were preparing hamburgers and hot dogs on a grill as well as drinks and



various other items that looked and smelled delicious. Here's Tasha in the red chefs hat putting out the list of menu items and prices.

We had another visitor seeing KCRC

field for the first time in Cathy Reuther. Cathy is

Co-Associate VP of District Three of the National Society of Radio Controlled Aerobatics. NSRCA is an official Special Interest Group of the Academy of Model Aeronautics (AMA) She and her



Co-AVP who happens to be her husband, Bryan Kennedy, were there introducing flyers to the organization. Bryan was also participating in the contest.

One of the most interesting items at the contest was the model being flown by Paul Dams of Franklin just outside Nashville. It's the first time I've seen a competitive electric pattern model in action, and it blew me away! The model, shown below, weighed about 13 pounds and was equipped with a Hacker C-50 electric motor and used 30 Li-polymer cells with a capacity of about 6 amps and wired to produce 40 volts. Paul said that a 8 to 12 minute routine would take out something like 3 amps which could be replaced by a 20 minute charge! The geared motor turned a 20" prop and pulled the plane slowly and majestically through all verticle maneuvers without any apparent strain. A truly awesome flight. Not cheap however; the way I counted, the drive system cost about \$1300!





## Minutes from June meeting

The June meeting was called to order on Tuesday, June 8th, 2004 at KCRC field at 7:00 PM.

Presiding was David Dabbs, KCRC Vice President.

Minutes from May meeting were approved as printed in the June newsletter.

Treasurer's report was given by Joel Hebert, KCRC treasurer. The club is solvent with no outstanding debts. Report was approved.

## Officers Report

There were no reports given by club officers

## Committee Reports

Ray Le Blanc gave a report on the re-writing of the club bylaws. They are ready to be presented to the club for approval. Method of presentation not established at this time. They will be available for reading on the club's website and possibly a general mailing. More later.

Safety Committee report was given by Larry Roberts. Larry has finished and installed the lockbox which now contains the first aid kit and fire extinguishers. The lock has the gate combination so that all members have access to it's contents.. Club Safety officer was not in attendance.

Contest Committee officers also were not in attendance, but a report had been sent to VP David Dabbs. The contest was a successful venture and well attended with twenty nine contestants and many KCRC club members present to help out. Paul Funk was singled out for an "Attaboy" for the concession stand. Actually it was his wife, Tasha and her parents, who deserved the praise because they worked hard to make it a success. A sizable contribution was made to the Hospice House as a result of their efforts. Ed Hartley made the comment that he had received several emails that were very complimentary of the club and it's effort in hosting the AMA pattern event.

Shelter Committee chairman was also not in attendance, but Gene Waters said that the shelter had been inspected by the county inspector and that it had passed, so the project can be considered a success. The concrete extension to each end of the pit is very nice and will greatly expand the usefulness of the flyer's pit area. The shade provided by the shelter was much appreciated by the visitors to the AMA event, and by the KCRC flyers also. Seems like everyone was trying to squeeze into the 100' of shade.

Ed Hartley commented on the SPA Masters to be hosted by KCRC in September. Things are progressing nicely and it looks like the event will be a huge success. Ed says that there will be a VERY good prize to be offered to the contestants. They will receive a ticket to a drawing and if they preregister soon, they will receive an extra ticket. Only contestants will get a ticket, and they must fly in the contest to qualify.

David Dabbs asked about 2004 stickers and if any member in attendance at the meeting did not have one. Everyone had theirs, but there are paid up members who do not have one. They need to get in touch with Joel Hebert or David Dabbs. Both address are in the list of officers on page one.

Larry Roberts and Joel Hebert say that the club now owns buddy boxes for both Futaba and JR radios through

some cooperation by the HobbyTown store in Knoxville.

## New Business

Gary Lindner asked about the club policy concerning the nine AM starting time for flying and engine running. Since the park ranger and the water plant watchman have both moved away, Gary was wondering if KCRC might relax the start time to eight o'clock. Ed Hartley commented that the start time had been in existence since before the trailers were installed near the field. Someone else volunteered that there are still some neighbors not too far away. The start time was not changed. Sorry, Sang!

Ed Hartley made a motion that we need some more tables like the ones we have in the pit area. All were used to maximum advantage by the pattern flyers, and they are all utilized by club members every day. He made a motion that Larry Roberts build six more tables. Harry Hogan seconded the motion and the motion was passed.

## Crash of the Month

There was a bunch of crashes to hear about this month. Larry Roberts told about his GP Ultrasport that had been rekitted. He had a picture showing the result of the models trip through the trees at the west end of the field. Bud Weisser continues his efforts to see how many models he can reduce to splinters. He crashed two this month, but the one he talked about was his efforts to learn to do the rolling circle with his U-Can-Do 3D model that ended in failure. Mark Humes entered the fray with a description of the tailend of a flight he made with his Magic. Mark has done very well as he gets more experience flying a very maneuverable plane, but this flight did not end well at all. The vote was taken and Bud Weisser took home the glue.

## Model of the Month

There were two entries in this contest, both were worthy contestants. Don Eiler entered a J-3 Cub that he just finished. It was a Sig kit that he had received in 1973! The model was very close to scale and was

powered by an O.S. .40 LA and covered in Monokote. Trim and color were scale. The other entry was Ray Le Blanc's scratch built Rutan VariViggen which had been designed as a home built in the seventies. Powered by an O.S. .61 FX, the model was mostly foam covered by balsa and covered by fabric and painted. The vote gave the fuel to Ray by a slim margin.

Top picture is Don and his Cub. Right is Ray and his Rutan VariViggen. Minutes by Jim Scarborough for Mike Foley, KCRC Secretary.....



# This'n That

One of the nicer things about our hobby is that it is a very good way for sharing some time between father and son ( or mother and son or daughter, although we don't

have any mothers or daughters that I know of at this time ). Shown below is Wes Shoemaker and son Andrew when they were at the field on a recent weekday morning. They normally fly on weekends and were surprised to find so



many old guys out there having fun. A couple of days earlier, I caught Garrett Simmons and his dad Larry getting some stick time. I got them in separate pictures so only Garrett is shown here. He's flying a Goldberg Tiger. Wes ( top picture ) is holding the model that Andrew flew. It is a hot dog! I didn't write the name down, but Wes was just watching. He said he was afraid his reflexes were a little too slow on that particular day for that particular model.



Mike Foley sent me a note about the KCRC members attending the East Tennessee Exposition on Flight held at the Museum and airport in Sevierville on June

12th. Several of our members made it up for display and flying of models along with the display and flying of some heavy metal WWII warbirds.



Pictures sent by Mike show Jerel Zarestky getting ready to show off his Piper Cub with Craig Dieter as Spotter. There's also a good shot of a couple of full size P-47s on display. The P-47s flew demonstration flights during the day. Mike said that all KCRC guys who went got to fly and that they were appreciated by the spectators. KCRC members Mike saw at the show were Steve Bayless, Carl Sten, Jerel Zarestky, Mike, Karen and Jordan Foley, Phil Cope, Ray LeBlanc, Denny Evans, Craig Dieter, Charlie Wilson, Larry Weston, Bill Pennell and Kenny Green. No wonder KCRC field was not crowded!

Ray LeBlanc sent me some data on his Model of the Month winning Rutan designed VariViggen. Ray lofted the plans by enlarging an 8 x 10 inch three view to 18 x 20 inches and taking measurements from the larger photo. Measurements were taken by a divider and given a metric value which were input to a PC and converted to a 20% scale plan by a spreadsheet. The wings are composed of eight pieces of assembled styfoam which were shaped and covered with balsa, as were the verticle stab, rudders, and canard. The engine pods, canopy, turtle back and nose compartment were foam also, formed and covered by the nylon stocking and epoxy method. The foam cutting was done by Arnaldo Caiado and Bill Pennell formed the torsion bar landing gear. New Zealand resident Philip Treweek furnished pictures and assistance on details not covered by the three views. A true scratch built effort!

## Calendar of events of interest for KCRC

- 7/3,7/4... Cullman, Al. AMA Pattern Champs. Burdshaw Fd. Steve Byrum CD. [spbyrum@hiwaay.net](mailto:spbyrum@hiwaay.net)
- 7/9,7/10... Huntsville AL Big Birds Fly in. See [www.rocketcityrc.com](http://www.rocketcityrc.com) for details.
- 7/24,25...Dallas, Ga. Hotlanta SPA contest. Club Fd. John Baxter CD. [rjbaxter2@comcast.net](mailto:rjbaxter2@comcast.net)
- 7/11,7/12..Rockwood, Tn. SAM at Rockwood airport and sponsored by KCRC. [tneureka@aol.com](mailto:tneureka@aol.com)
- 7/13....Harriman, Tn. Heart of Tenn SAM at Tenn Eagles Fd. email [lajohnston@hobby-lobby.com](mailto:lajohnston@hobby-lobby.com)  
SAM meets are rc assisted old time free flight models.

## FOR SALE

1. Zimpro 1/4 Dalotel, original picture plane w/ Brison 2.4 gas engine.....\$600
  2. Balsa USA WWI M1 Bristol w/ Enya 80 4stroke and JR Apollo 7 radio system.....\$250
  3. Other misc items
- The following items will be sold only after the above items are sold.
4. Zimpro Dalotel, 1/6 size w/ OS 70 Surpass, JR 347 radio plus quality servos. Great flyer...\$600
  5. Field box and support equipment
- If interested, call Rod Godwin at 690-5750

Don't forget the meeting at 7:00 PM at KCRC field on July 13th, 2004.