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**August, 2004 --- Knoxville, Tennessee --- AMA Chapter 594**  
 Newsletter..jimscarbrough@charter.net --- Letter available online at  
 www.rcpattern.com or at website [http:// home.earthlink.net/~tntelstar1/](http://home.earthlink.net/~tntelstar1/)  
 I welcome all items to be placed in the newsletter. Send by the 20th of the month.

Board of Directors

Ed Hartley .....Phone 966-2445  
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**Club meetings are at 7:00 PM on the second Tuesday of each month. May through September meetings are at KCRC field on Williams Bend Rd.**

Club Historian...June Cope..Phone 694-8687  
 Editor.....Jim Scarbrough..Phone 986-3857

**Newsletter available by snail mail if you will contact me by email, regular mail or telephone 865-986-3857**

### Deserving member honored

At the Tuesday night meeting for July, a most deserving member of KCRC was handed the highest honor that KCRC can bestow. For continuous and long time service to make the participation in radio control a more enjoyable experience, and for his outstanding efforts to make KCRC field one of the best and most attractive flying sites in the country, Eugene H. Waters of Oak Ridge, Tennessee, was raised to Member Emeritus status. This means that Gene is now a member for life in the Knox County Radio Control Society. His only requirement is that he maintain his AMA license and he has full flying, voting and all membership privileges for as long as he lives. Gene joined KCRC in 1983, and from the very start was a force to be reckoned with in the construction of all improvements and amenities that have been built at the field site since. I can't remember anything that was done after 1983 that Gene wasn't a major factor in both design and actual construction. He is seventy five years old and does more actual labor than any other member I know. In addition, he takes it upon himself to order bulk model engine fuel, and make it available to the membership at no compensation to himself. Of all the KCRC members I've known, none is more qualified for this honor. Congratulations, Gene.



### Propwash

The new KRC Bylaws are now available on Ed Hartley's web site, and will be mailed with this newsletter by our good Editor Jim Scarborough.

Under Ray LeBlanc's leadership, Ed Hartley, Jerel Zarestky and I have tried to generate a set of Bylaws which will serve the Club well in the coming years, helping us to enjoy radio control aircraft.

People have asked, "Why do we need new Bylaws. The Club is running fine."

The trivial answer is, "You aren't still flying with analogue or reed radio systems, are you?" The more satisfactory answer is that times change, especially in the area of liability for accidents.

The Academy of Model Aeronautics has changed the insurance program over the past ten years, or so, and there have been other changes in the relationships between the AMA, the Federal Government (e.g., the FCC and the FAA). The AMA requires each chartered club to have Bylaws that are compatible with those of the AMA.

The process we went through did two main things: Bring our Bylaws in compliance with the AMA, and revise the spending guidelines for the Club, allowing for a more informed decision about spending funds which are not already committed to things like the Newsletter, grass mowing, the porta-potty and electricity. Funds to cover these items for the rest of a given year need to be preserved and much of the rest of the funds need to be spent to preserve our tax-exempt status.

Again, please read the new Bylaws – they will be voted on at the September meeting, or by mail or on-line. If you have questions, email them to me at;

chuenkan@comcast.net

and I will get them answered and emailed to the Club on the KCRCmaillist.

Also, **be sure to VOTE!!!!**

This is the Wingman turning final...pfs

# At the Field

Can you believe that it is already August! If you go out to the field, you can believe it. It is hot hot hot. Thank goodness we've got all that shade now.

There was a lot of hesitation about agreeing on the start of the construction of the pit cover but if you go up to the field now, and there is a crowd, you just might not have room to get in the shade. At the pattern contest, all 29 contestants and all their equipment managed to get under the cover! It is a definite asset and helps to make a trip to the field more enjoyable.

Larry Roberts has finished up six more tables to place in the pit area. Larry has added some refinements to the last batch and they are even more functionable than the first six. He has put tranny holders on the opposite side on a couple for the benefit of those who preferred it, and he added a box shelf on a couple. Somehow, the last I saw, all twelve of them managed to find a place in the shade

One thing about all the work expended on putting up the shade structure is that it sure did mess up scheduling of club events. We haven't had a flea market, fun fly, or picnic this year! We did manage to get in a Float fly early, but we need to get something scheduled for the fall for the membership.

A lot of the KCRC members are adding a membership in the Tennessee Eagles club in Harriman. They have a much more open area to fly in and they say it is easier to try out a large model. The runway is grass, but it is a big one with lots of room to chicken out in. We have a good relationship with our sister club and I intend to make the long drive over there when I get the Ryan STA ready for its inaugural flight, but I hope I don't lose all my flying buddies at KCRC field.

Speaking of Eagle field in Harriman, there was a Society of Antique Models contest there on July 13th and 14th and I visited to see what the action was. Very interesting! There was about 15 or so guys and at least one woman flying some very pretty models of old time free flight planes but they were using RC to keep them from flying



away. George "Doc" Shacklett, an Emeritus member and past president of KCRC, explained what was going on. Another old

member and past president of KCRC, Jeff Elliott, was also there and is active in the organization. I took a couple of pictures that you might enjoy. In the first one, Barbara Mulholland is guiding her class C .60 powered model as it goes verticle on takeoff. Her husband Fred is carrying



the pit tools off. Her model spent about 7 minutes beyond my field of vision, but she flew it back down after the max. In the next picture, Doc Shacklett is discussing something important with Fred, and in the picture at left, several flyers are

fellowshipping in the shade. After watching them fly, I don't think my eyesight is good enough for that branch of flying.

I have finished the construction of my GP Ryan STA and have kept it hanging in the garage admiring the lines for a couple of weeks, so I decided that it was time to see if it would fly. I took it to KCRC field the other day and Phil Cope was there, so I asked him to do the honors on the inaugural flight. After some trouble getting the engine to run properly, and finally remembering to tighten the wing bolts ( after I noticed they were sticking 1/4" out ), we cranked it up and set it on the runway. Phil taxied it to the end of the runway and the engine died. Charlie Wilson was carrying it back and I remembered that I hadn't checked the CG. When we checked it, it was about two inches back from where it was supposed to be! Thank Goodness my Guardian Angel was looking after me!

I have lost airplanes before because I get so excited that I forget things. I lost a big P-51 on its first flight because I forgot to pull the antennae on the tranny out! I lost another because I forgot to put glue on the thread wrap



on an elevator pushrod. I don't know how you handle the First Flight Jitters (FFJ), but I've got to start thinking about a check list or something. How do you handle it?.....



## KCRC Minutes from July , 2004

The July 13, 2004 meeting of the Knox County Radio Control Society Inc. was held at KCRC field in Knox County, Tennessee. There were 31 members present.

The meeting minutes from the past meeting were passed as read in the newsletter.

The Treasury report was given by Joel Hebert. None of the other Officers had anything to report.

A question was raised about the grant match for the funds that was spent on the awnings that are over the pit area, and the general improvements that were made. President Spelt reported that a letter was taken to Doug Bataille's office and hand delivered to him. Mr. Bataille said that he would make sure that the proper person(s) got the application and receipts. A copy of the application was also delivered to the KCRC Secretary for filing purposes. Also, the County asked that we shut down the field on 2 Saturdays in August. The dates are Saturday, August 14, 2004 and Saturday, August 21, 2004 from 9am until 4pm, so the Marines could use the park for some of their field exercises. Also, there will be track meets held by the local schools in September and October. One meet will be held on Saturday from 9am until 12 and the other will be held on a Thursday afternoon.

### OLD BUSINESS

There was a short discussion about the By-Laws. They have been finished, have been read and approved by the E.C. and will be made available for reading by the Club members on the club website. They will have to be voted on and approved by the members at a later meeting. The By-Laws will be sent to each member and will be discussed at the August meeting. The next item of business was a short discussion about the safety box that was recently installed, and contains the first aid kit and other items. It was brought to the attention of our President that the first aid kit needed to be stocked with supplies. He said he would contact the proper person and have it taken care of.

The next item of business was the upcoming S.P.A. Masters Contest to be held at KCRC field on September 13 and 14, 2004. You can pre-register for the event at [www.srpattern.com](http://www.srpattern.com). The registration fee is \$25, which covers the cost of dinner ( for the flyer only. Wives or significant others will cost an additional \$7.00 ) on Saturday night at the Super China Buffet in Oak Ridge, Tennessee. Also, when you pre-register, you will receive 2 raffle tickets, if you register afterwards, you only get one. One of the prizes is a Futaba 9 CA / CH transmitter / receiver combo with a CAMPAC module and no servos, which was donated by Pyramid Hobbies. You must fly to win the prizes..

Remember...any plane is able to fly in Novice class; however, if you fly in any other class, you must fly a SPA legal plane. Ed Hartley said he would have some call sheets available out at the field for those wish to practice, and he would make himself available to anyone who had a question or wanted him to coach them. So, come on out and join in on the fun! You may be one of the many who walks away with a trophy!

Also, they will be looking for help from KCRC club members in different areas during the contest. Please help if you can.....

The next item of business was the nomination of Gene Waters, a fellow Club member who has been a real help to our Club when we have a project going. He has been known to "step up to the plate" to head many of our projects, like the addition to the shelter, maintenance of the grounds and many other things as well. This individual was discussed by our E.C. and it was decided to nominate him for the title of Emeritus, in other words, to make him a Club member for life. This was brought before the regular membership at the meeting, was voted on and passed unanimously. Congratulations Gene!

The next order of business was a short report on the EAA's Young Eagles program, which was repeated on June 12 and 13, 2004. Nothing was reported on this as we apparently had no members attend..

The next order of business was a short report on the Sevierville Air Museum show, which KCRC was one of many R/C Clubs invited. It was reported that there was a lot of confusion about when we were to fly,

lack on any co-ordination as to field rules and the lack of available space to safely fly, since we had to share airspace with full sized aircraft. We were located on a taxiway next to the Museum, with the main runway across from us. We had to have spotters when we flew to help watch out for full sized planes, which were in and out of the airport all day long.

### NEW BUSINESS

New members were introduced. They were Jim Freels and Mike Gross. Welcome!

The next order of business was a short discussion about the possibility of having a picnic. It was noted that we haven't had a picnic, fun fly, or a flea market this year, and that we ought to schedule one for the Fall. There was quite a discussion about it. It was decided that we would schedule one for October 2<sup>nd</sup>, and discuss it further at the next meeting.

We have had another member who soloed under the new flight training program. His name is Hal Travis. Congratulations Hal! President Spelt said all new pilots that solo under the new training program get their choice of a spool of flightline or a bottle of propwash.

### CRASH OF THE MONTH

Craig Deiter told about his loss of his Thunderbolt. He said he took the plane off and immediately noticed that something was wrong .....he was flying the Thunderbolt on the same model settings as his Piper Cub! The only thing that was backwards was the ailerons..... but that was enough. The plane crashed as was a total loss. Craig won a bottle of glue.

### MODEL OF THE MONTH

There were 2 entries this month.

Fred Heddleson showed off his beautiful Great Planes Wright Flyer electric park flyer. Fred told about how it was constructed and his troubles building and flying it. Fred said the plane was constructed of plastic with foam wings. The wings were held together with plastic struts with a plastic clip in each side. However, Fred said it was easy to lose the clips since they were made of clear plastic. He had to call Great Planes and get more to complete the plane since he lost a few, only to find them on the floor after he completed the plane. Once assembled and balanced, Fred enlisted John Heard's help with the planes first flights. Fred said that John hand launched the plane off the end of the runway and the plane flew straight as an arrow, about 100 feet, losing altitude the whole way. They tried it 3 times and each time it flew about 100 feet. Fred said he did some work on the plane and they tried it again. This time, it flew, about 5 feet and then landed right back at John's feet. John launched the plane backwards! Fred said he hasn't flown the plane since then and he had some more work to do on the plane before he flew it again. Nice looking plane Fred!

Steve Bayless showed off his scratch built T-38 Talon from his own design. The plane features a carved balsa canopy, Spring-Aire retracts, and a rear mounted ASP 46 engine spinning a 3 blade pusher prop. Steve said the plane is about 3 years old, it is real stable and a lot of fun to fly. Nice job Steve!

A vote was taken and Steve Bayless won a gallon of fuel for his efforts.

Next on the agenda was a "show and tell". Jerel Zarestky showed the members a few items that he's picked up that have helped him out at the field. The first thing was a stand that he found at Home Depot that opens up to a real nice plane or helicopter stand. Its pretty neat too, it goes from folded flat to completely open in just a minute or two. He said he managed to get it for \$25. The next thing Jerel showed us was a new Futaba fast charger, which can charge 4 to 8 cells and can charge at a rate from 50mA to 2 1/2A! He said it was very easy to set up and use. And the last thing was a Futaba Electronic Expanded Scale Voltmeter, which can check a 4, 5 or 6 cell pack and can discharge a pack from 1 to 3 amps with auto shut off.

The meeting was adjourned at 8pm.  
Michael J. Foley, Secretary KCRC

# This'n That



Above are the Model of the Month contest entries. Fred Heddleson is in the top photo with his pretty Wright Flyer, and Steve Bayless is in the next one with his hot looking jet. Both are worthy entries, but Steve won the gallon of fuel this time.

Fred is the clubs oldest and most entertaining speaker and always gets a lot of laughs.

Did you notice the nice write up in the Knoxville News Sentinel that KCRC member Dr. Bob Helsel received recently? There was a column on how he uses RC and modeling to relax after a hard day of surgery at Park West Hospital where he does his thing. Way to go, Doc. We can use all the good press we can get.

Recently at Harriman, one of our members was practicing on the huge expanse of approach and the long runways when one of the model-eating trees from the other



side of the road reached way out and snatched his plane right out of the air! Luckily, he had friends in high places!

Got a note from Scott Anderson that he had heard from fellow KCRCer Jake May, who is flying a chopper in the sand pile keeping us safe. Jake says he is well and anxious to get back to some RCing at the field. Stay safe, Jake!

**Next meeting at KCRC field on August 10th, 2004, at 7PM. We will discuss the new bylaws revision. Please look them over before the meeting.**

### Schedule of Events of Interest for KCRC

- 8/7/2004 Cookeville, Tn... Giant ( IMAA ) Scale Fly-in..held at Club field... kleind@bast.com for info
- 8/14/2004..Huntsville, Al...Any size Warbird Flyin..\$15 entry. warbirds@rocketcityrc.com for info

### For Sale

- Sig Astro Hog w/ .60 OS engine and Futaba Radio....\$150
- Super Tigre GS-45 engine new.....\$60.
- Tower Hobbies Trainer 60. Some parts covered.....\$50
- Goldberg trainer w/ .40 engine and Futaba radio.....\$100
- .40 OS FP engine, used.....\$40
- Accu-Cycler Hobbyco battery and pack conditioner.....\$75
- OS .60 FP engine ..NIB.....\$55

If interested call Joe Scimeca at 531-7331 or email to scimecajm@ornl.gov