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 Newsletter.....jimscarbrough@charter.net  
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 website for downloading

**Anyone wishing a snail mail copy of the newsletter can get one by letting me know by email, phone call or snail mail.**

### Attaboy Award

I would like to recognize Skip Dishner for the sterling work he does in rescuing members models from the clutches of the multitude of high trees that surround our field. On Saturday, Feb 26, a model I was flying developed a mind of its own and came to rest about 35 feet above the ground in the branches of a white oak tree. That evening I received a call from Skip telling me that he would be at the field the next day with his climbing gear and would rescue the wayward model. I thanked Skip, but I was more than a little concerned because the model was so high up in a tree that had no branches for the first 25 feet. On the following day, however, Skip made the rescue look like just a stroll in the park. It was a masterful performance, particularly Skip's spectacular descent on his climbing rope! My model became the latest in a series of club members models that Skip has rescued from high trees. Thanks a bundle Skip, your invaluable help is very much appreciated.....Bill Pennel

In the calendar printed in February's newsletter, I am sorry to say that there were a couple of glaring errors. One was that I had the contest CD's wrong. Scott Anderson is the CD for the AMA pattern and Dennis Hunt is the CD for the SPA pattern. In addition to these, the date for the SPA contest was a month off. The date was wrong on the KCRC website also. Please correct the dates on your notes. Again I apologize for the errors...

AMA Pattern..... May 28th, 29th  
 Contest CD Scott Anderson ... 865-573-9159  
 4221 Deer Run Drive Knoxville Tn 37912  
 SPA Pattern .....August 27th,28th  
 Contest CD Dennis Hunt ,, 865-483-8373  
 211 E. Tennessee Ave Oak Ridge, Tn 37830

In the new calendar printed here, I have included all the SPA events I know about because we have several KCRCs who compete. I have also included all the SAM (Society of Antique Modelers) events I know about because some KCRCs might want to get involved in RC assisted free flight. Looks like it might be fun.....Jim.

### EVENTS OF INTEREST FOR 2005

- April 14th... Tenn School for the Deaf Ground School.
- April 21st... Tenn School for the Deaf flying demos.
- April 23rd,24th.. SPA Pattern in Cullman, AL... Steve Byrum CD
- May 14th,15th.. Spring Float Fly. 9AM to 3PM, Melton Hill Lake, upper ramp.. Sanctioned. \$5 landing fee. DavidDabbs CD. intelstar1@tds.com
- May 14th,15th... SPA Pattern contest in Huntsville AL.. Ken Nix CD
- May 28th,29th... KCRC AMA Pattern contest. KCRC field Sanctioned. Scott Anderson CD medic796@bellsouth.net
- June 11th... International Young Eagles Day at Sky Ranch Airport. KCRC displays and ground school.
- June 11th.. Great Smoky Mountains/Southeast Region Aircraft Modeling Exposition. Tennessee Air Museum. Sevierville, Tn
- June 11th... War Bird Fly in... Harriman Tn. Eagles field. Sanctioned, \$5 Landing fee. Phil Spelt CD. chuenkan@comcast.net
- July 22,23. SAM event- Tullahoma Tn. Don Scahtjen CD
- July 25th,26th..SAM event at Rockwood TN Sponsored by KCRC. George Schacklett CD
- July 27th,28th..SAM Event at Harriman TN.Sponsored by Tenn Eagles. LA Johnston CD
- July 23rd,24th.. SPA contest..... Hotlanta GA John Baxter CD.
- August 24th,25th... SPA Pattern Contest. KCRC Field. Sanctioned Dennis Hunt CD dehunt@nxs.net
- September 17th,18th... SPA Masters at Auburn, AL R. Helmke CD
- September xx... Fall Float Fly, Details later
- October 15th.. Young Eagles Day. EAA Event Sky Ranch
- October 27th.. Tenn School for the Deaf.. Ground school
- November 3rd.... Tenn School for the Deaf Flying demos

We can use some help at all the events involving KCRC events and young people listed above. If you can help, call Phil Spelt at 435-1476 for details and location where the events will be held. Help out and you'll feel better and perhaps you'll even earn a pat on the back...

# AT THE FIELD

## FIELD SAFETY.....

by Bill Walters, KCRC safety officer.

The new flying season is about to start and safety in our hobby is very important to us all. Here are some common sense tips as printed in Great Planes How-to-Fly safely booklet that each of us should follow that might help prevent serious injury:

- \* Keep all engine fuel in a safe place, away from high heat, sparks or flames, as fuel is very flammable.
- \* Do not smoke near the engine or fuel; and remember that engine exhaust gives off a great deal of deadly carbon monoxide. Therefore do not run the engine in a closed room or garage.
- \* Get help from an experienced pilot when learning to operate engines. Use safety glasses when starting or running engines.
- \* Do not run the engine in an area of loose gravel or sand; the propeller may throw such material in your face or eyes.
- \* Keep your face and body as well as all spectators away from the plane of rotation of the propeller as you start and run the engine.
- \* Keep these items away from the prop: loose clothing, shirt sleeves, ties, scarves, long hair or loose objects such as pencils or screwdrivers that may fall out of shirt or jacket pockets into the prop.
- \* Use a "chicken stick" or electric starter to start the engine. Do not use your fingers to flip the propeller.
- \* Make certain the glow plug clip or connector is secure so that it will not pop off or otherwise get into the running propeller.
- \* Make all engine adjustments from behind the rotating propeller. The engine gets hot! Do not touch it during or right after operation.
- \* Make sure fuel lines are in good condition so fuel will not leak onto a hot engine, causing a fire.
- \* To stop a glow engine, cut off the fuel supply by closing off the fuel line or following the engine manufacturer's recommendations. Do not use hands, fingers or any other body part to try to stop the engine. To stop a gasoline powered engine, an on/off switch should be connected to the engine coil. Do not throw anything into the propeller of a running engine to stop it.

Most of these safety tips are common sense, but are easily overlooked when we are out at the field with our new airplane that we can't wait to get into the air. We must all remember to slow down and think before we make a mistake that we could regret for a very long time. Safety is "everyone's" responsibility. If you see anyone at the field doing anything "unsafe," please politely point it out to them immediately. Let's make this year the best and keep everyone injury free.....Bill

## ATTABOY # TWO

One of the nice things about belonging to an established club is that there are usually several members that are very experienced in almost every area of expertise needed to get the most out of our hobby. One of those members is Phil Cope. Along with his vast flying experience that he puts to good use in our instructor program, I found that he is also very talented in engine repair. I recently needed to replace the bearings in one of my old four stroke engines, and after perusing the catalog of Boca Bearings and ordering the new set, found that I couldn't get the \*&%\$@ prop thrust washer off. I called on Phil for advice on getting it off and Phil just took the engine and new bearings home with him and a few days later handed me the engine all ready to go!

For this generous act, I nominate Phil for at least two ATTABOYS ( along with my gratitude ).....Jim PS..This is the second time I've taken advantage of Phil this way. That's the reason for two Attaboys!!!

For those of you into electric flying, Scott Anderson, one of KCRC's finest, is getting into the business. Scott has acquired some production equipment and is producing models and parts, as well as stocking some necessaries for the convenience of fellow KCRCers. His website is [www.rcfoamy.com](http://www.rcfoamy.com) and email address is [scott@rcfoamy.com](mailto:scott@rcfoamy.com). Check him out.....

At the March meeting, there were a couple of pictures taken by Mike Foley that you might be interested in. The first is Karl Gerth and his Model of the Month winner. Look in the minutes for a description. A beautiful plane!

In the next, Ed Hartley is showing his slightly modified model of the GWS Slo Stik and the camera mounted. See Minutes for details.....



## Minutes from March 8th Meeting

The March 8, 2005 meeting of the Knox County Radio Control Society was held at the Deane Hill Recreation Center in Knoxville, Tennessee. The meeting was called to order by President Phil Spelt at 6:54pm, and he welcomed all members and guests to the meeting. The meeting minutes from the February meeting were passed as read in the newsletter, with the following correction. The Club Charter was not mailed in at the last meeting, but at this meeting. Joel Hebert presented the Treasury report. There were 23 members present.

### OLD BUSINESS

Mike Foley said he talked to Steve Harrelson, with the Lenoir City Parks and Recreation, about KCRC using Lenoir City Park to hold our fall float fly. Mr. Harrelson said that he had no problem with it, provided we gave him a date when we needed the park ahead of time, and we could also use one of the 2 shelters too, provided they gave them enough advance notice. So all we have to do is set a date and notify them.

David Dabbs said that all is ready for the spring float fly. He said that he has made up some cards to put in the frequency slots stating that the frequency is in use. Dave said that you need to stop by the field and pick up the frequency pin before you go down to where the float fly will be held. There were some questions as to frequency control and after a short discussion; it was decided to use walkie talkies to communicate between the field and the float fly, just in case there is someone who is on the same frequency.

It was noted that there are still some members who ordered KCRC name tags but have yet to pick them up. These folks are Jim Hutchison, Dave Marsden, Greg Tinker, Tom Lindquist and Richard J. Boget. If you would like a name tag, please see Karl Gerth either at the field or at the meeting. He has all the information about them.

It was noted that we got an e-mail from Dick Tonan, the Contest Coordinator for this District, we have the June 11 and 12 date for the "WarBird" fly in which will be held at the Harriman R/C Park in Harriman, Tennessee. That has been forwarded up to the AMA, and we have not gotten anything back from them as of yet.

It was noted that we got an e-mail from Scott Anderson who has the sanction for the AMA Contest which is scheduled for June 28<sup>th</sup> and 29<sup>th</sup> and will include all classes, including FAI. Scott said he needs help with concessions, scribes, photography, set-up on Friday and clean up after the contest. If you can help, please let Scott know.....

It was announced that Dennis Hunt was working on the frequency board for the Club. It was reported last month that they were hoping to get a metal box to hold the pins, but that fell thru, so they are going to build the entire enclosure out of wood. The pins that are currently in use would be housed in the new box.

### NEW BUSINESS

It was announced that we had some new members to the Club. They are Mike Elliot and Doug Wylie. If you see them at the field or the meeting, introduce yourself.

A question was asked if we were going to have an air show this year. That is one thing that we are looking into this year, but no plans have been made at this time. We are looking

for someone to organize it, if someone would like to step forward. However... it will be discussed at a later date and time.

It was announced that Bill Walters was chosen to replace Kenny Green as the new Field and Safety Officer. He replaced Kenny because Kenny had to start working out of town. Congratulations Bill!

Jim Scarbrough asked if we (KCRC) were going to sponsor the S.A.M. events in July. And the answer was yes, but we sent an e-mail about a month and a half ago to them asking him to please let us know, and offering the Club's talent. Jim said he would e-mail Doc Shacklett too. As many of you know, Doc Shacklett runs those events.

### MODEL OF THE MONTH

There was only one entry this month. Karl Gerth brought out a beautiful Great Planes Matt Chapman CAP 580 ARF. The plane is powered by an O.S. 61 FX 2 stroke. Karl said the plane was very easy to put together, and he said it flies very well. He let Phil Cope fly it with Karl on the buddy box, and Karl said it was a little too much for him yet. Since Karl was the only entry, he won a gallon of fuel for his effort.

### CRASH OF THE MONTH

Karl Gerth was the only entry this month. He was flying his electric foamie ( a Shocker ) on a fairly windy day and he lost it in a tree off the east end of the runway. After several attempts to get it down, Phil Cope joined in the rescue effort and ended up going home to get his bow and arrow and shot a line around the top of the tree so they could have access to the plane, which was stuck about 3/4 of the way up. They finally got the plane out of the tree, but not without damaging the plane. Karl said the electronics were all recovered, which was all that mattered. The plane could be replaced.

### PROGRAM

The meeting was then turned over to Ed Hartley, who told about his aerial camera platform. NO, this was not your normal camera plane, but a GWS Slow Stick that was converted to carry a digital camera aloft. Ed said he bought the plane and then changed the electronics. The motor was replaced with a 370 brushless motor, with a brushless ESC, a HiTEC Electron 6 channel receiver, 2 micro servos for the flight controls, a 3 cell LiPo battery rated at 1500 mA and a 2.2 mega pixel digital camera mounted to the side of the fuselage. Ed said the plane is a real rocket with the new brushless set up, and will fly at just a 1/4 throttle. He said he has problems setting up for a landing approach. He is used to the long approaches with his Daddy Rabbit. Not needed with the Slow Stick! He said that he bought the camera off the Internet from a company in Australia, and he got it in 7 days! The camera can be programmed to take a picture every 2 seconds, or can be programmed to take pictures when it receives signal from the receiver. Ed brought along a picture that was taken from the air

Meeting was adjourned at 7:45PM

Minutes taken by Mike Foley, KCRC Secretary

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# This'n That

## PROPWASH

by Phil Spelt, KCRC President

'tis SPRING!!

And "young" people's thoughts turn naturally to flying R/C airplanes!! What else?

As we head into the flying season, there are a number of things that I feel it would be good for us to remember.

If you haven't flown for a month or more (like me), it would be beneficial to give your plane(s) a thorough "flight check" which starts in the shop. Check batteries for charge and capacity, and if you have a cycler, cycle them; if not, make sure there are fully charged.

Go over all the control linkages to make sure everything is tight and the surfaces are properly centered with the radio on and trims set to mid-range. I have heard a couple of guys say they took off with a trim tab moved fully to one side and needed help getting things right.

Make sure the engine bolts and prop nut(s) are tight.

At the field, range-check your radio before the first flight of the season. This means, turn on the radio system, leave the antenna off or fully collapsed and move about 50 feet away to make sure you still have control of the aircraft.

Finally, remember that your flying skills may be slightly less than when you finished last season, so take a flight or so to get "back in the groove" if necessary. And above all, remember the Club rules for conduct at the field. Mainly, if you wouldn't want someone else to do it to you, don't do it to them!! Common courtesy will make for enjoyable flying for all.

Meanwhile, this is The Wingman, turning final.....Phil

Ed: Note.....Unless you are Phil Cope or one of the other highly talented pilots that are common to KCRC field, it might be a good idea to have a buddy standing close by you on your first flight of a new season ( or a new model ). I know that if I'm flying a model that is fairly sensitive, I have a hard time locating the trim tabs while still fighting the model. An extra hand is a definitely desirable option to have in a case like that.....Jim

### Regional Finals for TSA in Chattanooga

Text by Phil Spelt, pictures by Gary Lindner.

On March 14th and 15th, four KCRCers went to Chattanooga to serve as judges for the Tennessee State Technology Student Association Flight Challenge. On Monday afternoon, the four of us, shown in picture 1, Harry Hogan, Mike Foley,

Phil Spelt and Gary Lindner, supervised 25 middle school students' building of catapult-launched



gliders. Things went pretty smoothly for the afternoon.

Early Tuesday morning, we returned to arrange and conduct the flights for both the gliders and the high school rubber-powered flights. For these Challenges, we had help from 3 local gentlemen. Gary and Mike conducted the glider flights, while Phil and Harry got the powered flights ready. Phil ended up "supervising" both events, so Harry ran the high school timing, with help from a couple of "locals". The last photo shows Phil and Mike tallying up the final scores for the powered airplanes. All in all, KCRC was well-represented, and our contributions were much appreciated. I want to publicly give my thanks to Harry, Gary and Mike for their efforts.



**The April 12th meeting is the last one to be held at the Deane Hill Recreation Center until the October meeting. All meetings starting in May will be held at KCRC field on Williams Road. Time will be the same; second Tuesday at 7:00 PM.**