



KNOX COUNTY RADIO CONTROL

March, 2005 -- Knoxville, Tennessee --AMA Chapter 594
 Newsletter.....jimscarbrough@charter.net
 KCRC website.....www.kcrctn.com
 KCRC Newsletter availavble on KCRC website in PDF for downloading

March meeting at Deane Hills Rec Center on Tuesday, March 8th, at 7:00 PM . Please try to attend....

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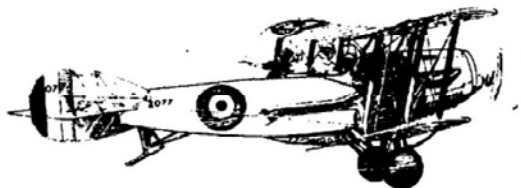
IMPORTANT

If you received this newsletter, it means you have paid your club dues for 2005. this also means that the gate and box combination will be changed. The scheduled change is for Sunday, March 6th at some time in the AM. John T Heard will do the honors.

The new combination will be on both the gate and the equipment box.

The new combination will NOT be printed in the newsletter. It will be placed in the main address portion of the envelope that this newsletter came in. Just after your AMA number.

Incidentally,if there is no AMA number on the envelope, it means the club does not have it and that is against club policy. The gate combination will not be on the envelope either. Call Joel Hebert at 927-1624 and give him your AMA number and he will give you the gate combination.



Calendar of 2005 Events

- March 12th: Swap meet at Harriman Community Center.
- April 14th: Tenn School for the Deaf Ground school.
- April 21st: Tenn School for the Deaf Flying Demonstrations.
- May 14th, 15th: Spring Float Fly, 9AM to 3PM, Melton Hill Park East Ramp.. Sanctioned. \$5 landing fee. Dave Dabbs CD intelstar1@tds.com
- May 28th, 29th: KCRC AMA Pattern Contest. Sanctioned. Dennis Hunt CD dehunt@nxs.net
- June 11th: International Young Eagles Day at Sky Ranch Airport. Displays and ground school.
- June !1th, 12th: Great Smoky Mountain/Southeast Region Aircraft Modeling Exposition. Tennessee Air Museum in Sevierville, Tn.
- June 11th, 12th: War Bird Fly-in.Harriman Tn Eagles Field. Sanctioned. \$5 landing fee. Phil Spelt, CD, chuenkan@comcast.net
- September xx; Fall Float Fly. Location to be announced.
- September 24th; Senior Pattern Association contest. KCRC field. Details to be announced.
- October 15th: Young Eagles Day. EAA event at Sky Ranch airport.
- October 27th: Tenn School for the Deaf event.
- November 3rd: Tenn School for the Deaf event.

In addition to these scheduled events, KCRC will host at least one club picnic which will be announced here. Hopefully, there will also be a FunFly or a Flea Fun Fly scheduled during the year. Watch here or in the club website at www.kcrctn.com for announcements of upcoming events or details of above events not presented here.....

AT THE FIELD

Well, it's March and a new flying season is approaching. Since March is usually a windy month, it might be a good time to talk about flying in windy conditions at KCRC field for the newcomers in the club. Usually, a new flyer will have a very stable trainer model which in most cases means a flat bottomed wing. I can remember when I was trying to learn to fly in the far distant past, sitting in the shade watching the leaves blow in the wind and trying to decide if it was safe. As some astute flyer said, the model doesn't know the wind is blowing. I agree but if you are standing on the ground watching your model bounce around up there, you sure do!

The main thing is to know how your model reacts to changes in speed. If it noses up when you turn into the wind or if it wants to climb when you speed up, then you know what to expect and you can handle it. Practice in gentler breezes before tackling the gale forces. Landing is where problems generally occur. Don't get too slow when you are landing in a wind. You have to maintain enough speed to get to the landing strip before setting down. If you are used to slowing way down and dragging a model nose high to the runway, you will lose it in a wind. Keep your speed up!

Speaking of newcomers, it might be a good time to remind newcomers (and old timers) about protocols and rules of etiquette for maintaining good relations while enjoying this fine hobby. These apply at most fields

First and foremost, you **MUST** be a member of AMA to fly at KCRC field. This is an absolute.

Second, and no less important, is frequency control. KCRC has a frequency box containing pins for all frequencies. Put your AMA card in the slot corresponding to your frequency and take the pin and clip it to your transmitter. This tells other flyers you are on this frequency and who to see about sharing the pin if they are on the same frequency. **NEVER, NEVER** turn on a transmitter without this pin! Remember, if you shoot someone down, you are responsible for the damage if you don't have the frequency pin, and if you are sharing the pin, always check before turning on.

Common courtesy is never out of fashion at the field. Don't hog the runway by hovering or buzzing around it when another flyer wants to take off or land. If someone else is flying while you are, give him a little room. Don't try crowding him or act like you are dogfighting with him. You might be buying his equipment. Help other flyers get their models out to the runway, and recover them after the flight. It is a helpful thing to do and maybe they'll return the favor. Also remember that "Dead Sticks" have the right-of-way.

And above all, remember that a smile is always in fashion. Unless, that is, someone just crashed. Then you are supposed to look sympathetic. Go help him pick up the pieces and try not to tell him what he did wrong.....

Things are beginning to look a little like springtime at the field. This means that pretty soon we'll have to do something about mowing the grass. Other spring cleaning jobs might need some taking care of, too. Cleaning the mud-daubers crap out of the electric plugs and doing something about the bulletin boards come to mind. We need some new backing inside the glass doors to post club business on because the material there is just about punched out of usefulness. Maybe this year we can catch the wasps and yellowjackets early and prevent them from setting up housekeeping in the pavillion. Maybe we need to set up a workday to look at things on a pretty day sometime soon.

We have a two day AMA sanctioned float fly event coming up on May 14th and 15th. It will be held at the north ramp in Melton Hill Park. This is the place we've had the past two or three events. At the moment, there is much planning going on to prevent closing the field to folks who do not want to fly off the water. Since there are three two day events planned, and the two pattern events **WILL** definitely curtail KCRC activity on the runway during the contests, we will try to do something to allow flying at the field during the float fly events. Stay tuned for further announcements.

We are beginning to get some reasonably days to go to the field and get in a little flying. The other day was in the high fifties and several guys came out. I once read that the temperature had to be about sixty before



bees could fly so that seems about right to me. One of the members who came out was Larry Simmons, who brought out a new ARF. This guy has some of the prettiest models produced and the latest is no exception. It is the Yak 54 manufactured by the Top Gun flyer, Que Que Somenzini. Larry's plane sports a Saito 180 that has more than enough power to do just about anything Larry is capable of doing. A very pretty plane and a good flyer!.....Jim

February, 2005, Meeting Minutes

The February 8, 2005 meeting of the Knox County Radio Control Society was held at the Deane Hill Recreation Center in Knoxville, Tennessee. President Phil Spelt called the meeting to order at 7pm and welcomed all members and guests. The meeting minutes from the January meeting were passed as read in the newsletter with one correction. It was reported that Phil Cope had talked to Doug Smith about the upcoming war bird fly in. However, it was Phil Spelt who talked to Doug. Joel Hebert presented the Treasury report. There were 23 members present at the meeting.

OLD BUSINESS

It was reported that the upcoming war bird fly in, which is scheduled for June is still in the works and an exact date has not been set yet.

David Dabbs, the KCRC webmaster reported that the KCRC website is now operational. You can visit it at and our website is listed with Tower Hobbies, the AMA website and general aviation websites. There are also links to the Clubs in the greater Knoxville and surrounding area. You will also find links to the AMA website, the KCRC newsletter, membership forms, By-Laws and safety rules.

It was announced that the combination on the lock on the gate will be changed in March, and the combination will be mailed out to the members who have paid their dues. The combination will go out with the newsletter only to members who have paid their Club dues.

It was announced that the spring float fly will be held on May 14th and 15th and the application was sent to the AMA so the event could be advertised in the magazine. Melton Hill Park, which means the field would be closed for 2 days, from 9 am until 3pm each day. A landing fee was discussed and it was decided that a landing fee of \$5 would cover both days. So get a plane ready and come out and join in on the fun and fellowship.

NEW BUSINESS

The paperwork for the KCRC Incorporation were filled out and sent off.

An announcement was made that we are going to be erecting signs out at the field saying: "WARNING, Aeromodeling may cause serious injury! Proceed at your own risk! " This is to protect the Club.

Karl Gerth said he was taking orders for the KCRC nametags again. If you want one, see him either at the field or at the meeting.

The next order of business was the proposed replacement of the frequency board. A design was drawn up by Dennis Hunt and presented to the members present to view. The plan is to remove the board from its present location on the side of the shed and place it close to the

parking area, centered on the covered shelter and would stand alone. Gene Waters said that he may have found us a metal box over at Home Depot and was going to check on it after the meeting. He was hoping to get it for free, but he wasn't sure if he could. Phil Cope moved that we allocate \$150 to buy the box if need be, and was seconded by Ed Hartley.

Many of you have already used the new frequency pins that Club member Craig Dieter made. They have the channel number on one side and the frequency number on the other and the pins are blaze orange, which will help you find it if you drop it. Thank you, Craig, for donating your time and materials for this project.

Bill Walters brought out some very interesting pictures that were taken by an unmanned aerial vehicle that is being used by our men and women in combat in Iraq. It is a twin engine radio controlled electric airplane with a video camera mounted in the nose. The pilot uses a laptop computer, virtual reality glasses and flies the plane with a joystick. Everything is relayed back from the plane in real time, like altitude, speed, compass heading, and the pilot sees the terrain below him, just like he is actually in the plane. They use it to spot "unfriendly's" and call in air strikes or tell the soldiers where they need to go. It was quite interesting. Our hobby at work.....

Gene Waters said he has some fuel for ale. Its 15% nitro and is \$10 per gallon. If you need fuel, you need to see Gene at the meeting or call him.

Carl "Bud" Wiesser said he has Real Flight G2 Lite for sale on E-Bay

CRASH OF THE MONTH

There were no crashes to compete for the CA glue.

MODEL OF THE MONTH

Don "Skip" Dishner had the only entry in the Model of the Month contest. It was a Spitfire constructed from the Great Plains kit, and Skip did a very good job on the construction. Unfortunately, the picture of the model didn't turn out so if it lasts long enough, we'll get another one and put it in a later issue.

We had one new member. His name is Mike Miller.

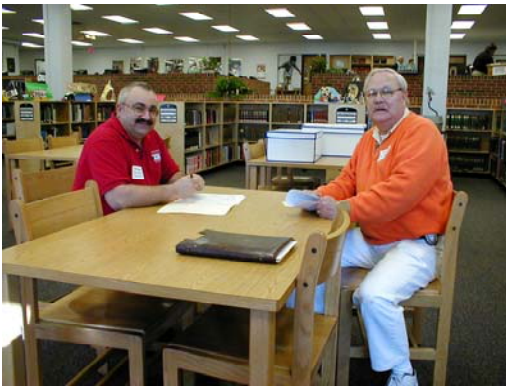
Meeting adjourned at ~8:15 PM
Minutes by KCRC Secretary Mike Foley



THIS 'N THAT

Just got home from serving as a judge at the 2005 East Tennessee Regional Conference of the Technology Students Association. That's a mouthful, but what it means is a flock of students from schools around east Tennessee getting together and demonstrating their creativity in their chosen field. KCRC was asked to furnish judges for two of their events. One event is Flight Endurance, and is composed of rubber powered models constructed by high school students. This is the event that I judged along with KCRC President Phil Spelt and Keith Jeffers from Daniel Boone High School in Washington County. In the Conference, there were several events for students from both high schools and from middle schools. There were six entries in the rubber powered event who showed up and flew. They ranged from low (or no) experience to national competition calibre. Their models were built and tested at home prior to the meet.

In the first picture, Keith (on the left) and Phil are waiting on me so we can get started. Entries came from Green County High, Farragut High in Knox County, Daniel Boone High from Washington County, and Hall



High School in Knox County. Winners in the rubber powered flight event were first place winner Nick Ray from Farragut, Second Place was Jordan Hayes from

Daniel Boone High School, Third place was Houston Miller from Halls High and fourth place was Kyle Splane from Halls.. Steve Stewart from Farragut and Matt Bible from Greens County High had technical problems and failed to score.

In the second picture, contestants are from left, Steven Stewart, Nick Ray, Matt Bible, Kyle Splane,



Houston Miller and Jordan Hayes.

In the second event, the Flight Challenge portion for Middle School students, there were sixteen entries. In this picture, Nick Ray from Farragut High, seated on the left, is discussing the documentation of one of the contestants with KCRC's Harry Hogan, center, and KCRC VP Gary Lindner. Gary and Harry were also



volunteers for judging. The next picture shows several of students hard at work. Each competitor was responsible for his own design and



furnished documentation to validate the design, along with the expected results. They built them onsite and then were tested to determine whether or not they met the design criteria. They were all small balsa sheet units that could be quickly built and tested. Flight results were derived by hand launch in the Bearden High School Gymnasium. Flight times were measured by stopwatch.

I was impressed both with the conduct and the expertise of the young folks. Obviously there was a lot of effort put into the designs and the construction of the models, and the presentation and testing was also done in a professional manner. I did not participate in the Conference last year, but I will be there next year.....Jim

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Don't forget the meeting on Tuesday, March 8th, 2005, at Deane Hills Rec Center. Meeting at 7:00 Pm