



K C R C

KNOX COUNTY RADIO CONTROL

Club Officers

President- Jerel Zarestky
Vice Pres- Phil Cope
Treasurer- Joel Hebert
Recording Sec- Mike Foley
Sgt at Arms- Jordan Foley
Editor- Jim Scarbrough
Board of Directors;
Ed Hartley
Dennis Hunt

April, 2003 Knoxville, Tennessee AMA Chapter 594
jimscarbrough@charter.net online www.rcpattern.com

From the Hangar

Jerel Zarestky

We're starting things off this year with a flood of activities! We have a flea-fly/picnic/fun-fly, a float-fly and a pattern contest scheduled already. Check the calendar of events for dates. Also please note the April date of the first sound testing session. We'll be testing planes, documenting sound levels for future reference and handing out stickers for planes that meet the required level.

Dennis Hunt presented some valuable information in his program at the March meeting on setting decalage during aircraft construction. His method is very simple, requires no special equipment other than a good ruler and can be used on any type or size airplane. You do need a conversion from angle of incidence to distance for your particular wing chord ...see.... trigonometry is used somewhere! Most plans give this information and if not, just ask around; we have enough nerds in the club to answer most questions like that.

Anyone coming to the field last weekend (Mar. 15 or 16) was treated to some of the best helicopter demonstration flying in the country. Henry Caldwell was visiting his friend, Chris Candela (recently moved here from South Carolina and potential KCRC'er) and they came to fly at our field. Henry put on the best airshow with a heli that I've ever seen. The most common response from the spectators was that they just couldn't believe what they were seeing!

We have a couple of options (maybe three) for the April meeting program. One is a discussion on set up and trimming a pattern plane. This is a good idea for two reasons. The first is that ANY airplane flies so much better when properly trimmed that it makes the pilot's job much easier and flying much more rewarding. You can work on flying maneuvers instead of fighting the plane. The second reason is that the SPA pattern contest is coming at the end of May. Club participation has always been high at this event and with good reason. It's a chance for flyers to get a taste of pattern without the drive to another contest site, the field is familiar and comfortable and the SPA novice pattern is perfect for getting your feet wet in pattern.

We'll have a couple of veterans of the pattern wars, probably Ed and Dennis, give us pointers on proper trim procedures. The second option for a program is some combination of "hints and kinks"... clever solutions to

common problems in aircraft building, set up, maintenance, repair and flying or possibly a panel of experts where the members attempt to stump the chumps with their current building or repair dilemma. Suggestions on this are again welcome.

There is a third program possibility if that person will step forward. There have been many requests for a program on covering with Monokote or other film covering. If you see a particularly good covering job at the field and can convince the responsible party to share his knowledge with the club, please let me know.

See you at the field!..... Jerel

The first weekend in April is scheduled as the starting date for work by the Sound Committee. The sound meters will be brought to the field and every one who can make is encouraged to bring the loudest model you have, or the one you fly most of the time, to the field for noise level testing. It is expected that very few, if any, models will fail the test since our club limit is set fairly high. If they pass the test, they will be given a sticker that should be placed on the model where it can be seen.....

KCRC Calendar of Events

May 3rd... First Saturday in May. Second Annual Spring Float Fly. Will be held at Fred Heddleson's beach front property in Kingston, Tn. . Jerry Goss and David Dabbs will co-ordinate arrangements. Jerry's phone is 457-0946. David's email address is tn_captain1@yahoo.com. This has been a fun event everyone can enjoy and there is no landing fee. Map enclosed for directions Rain date Sunday, May 4th.

May 10th... KCRC Flea-Feed-Fun event to be held at KCRC field. Start at 9:00 AM. Covered dish would be nice. Event at this time is projected to be free of charge. Phil Spelt will co-ordinate the event. No landing fee for Fun Fly.

May 31st & June 1st..... SPA contest. Sign in starts at 8:00AM, flying starts at 9:00AM. Dennis Hunt will CD the event. Dennis email dehunt@nxs.net Sanctioned event with points counting toward

At the Field



Above is one of the best examples of scale models that I have ever personally seen! Gene Waters, at the request of model manufacturer Dennis Hunt, built this Dehavilland Beaver (kit produced by Dennis) for a customer who was giving it as a present to her husband, who owns the full size bird. Gene used dozens of pictures the customer furnished to detail every feature of the real plane and it is truly a work of art.. Every rivet, nut and bolt seen on the original is reproduced on the model. The owner picked the model up at Rockwood airport on Saturday, March 22nd.

The picture was made at the March meeting and does not show up very well because of the clutter in the background, anyway, you would have to see it to believe it.

Incidentally, Gene has the new barrel of fuel for those folks who signed up for some.

Went to the field on Saturday, March 8th, and there was a crowd of KCRCers taking advantage of the springlike weather. Phil Cope was there and getting into some teaching with a couple of new students, Jack Halburnt and Don Gray, and they got a lesson they hadn't planned on getting. As I said, there were a lot of guys flying, so there were some frequencies that had multiple flyers on them. As we assume every KCRC member knows (and we can't stress this enough), you do not, repeat NOT, turn on your transmitter unless you have the frequency pin. In this case, both students were on the same frequency. While the first one was getting a lesson, yet another KCRC member on the same frequency came to the field. When the student finished his lesson, he gave the pin to the new arrival while waiting for his buddy to get ready for his lesson. When Phil got ready to "Buddy Box" the other student (Don) into the air, Phil assumed that Jack still had the pin, while Jack hadn't mentioned that he had given it to another flyer, and while Don was in the air doing very well on his lesson, the other flyer (who had the pin) took off. Needless to say, at least one of the planes wasn't going to survive, and the student was the unlucky one. Or you could say he was lucky! He lost most of the fuse on his Avistar, but he didn't cause any other damage, and he learned (the hard way) a

very valuable lesson. We have to be very careful with our transmitters. The signal they put out is easy for a receiver on the same frequency to read, but if there are two transmitters putting out a signal on the same freq, then the signal makes no sense to any receiver.

The safety rules given by the AMA and endorsed by the club says that if you turn on a transmitter without the freq pin and shoot

somebody down, then you are responsible for the damage. Just be sure you get your Frequency pin and put your AMA card in the rack so that another flyer knows the frequency is busy.....



Here is another student Phil was working with on a recent weekend. Jeff and Adam Prosize were visiting the field and Phil helped them to get a little stick time. Joel



Hebert sent me the picture that Charlie Wilson sent him. The follow up on this story is that Joel got an email from Jeff saying they had bought their own Avistar and were sending in their applications for AMA and

KCRC club membership.

Sheldon Winkler sent me this picture of his VK Cherokee kitted in the early seventies. He got it from someone who had built it and then stored it in his attic for 25



years or so. Sheldon had to rebuild the stab and then he recovered it after going through it and making repairs. It flies very well now and also looks good, like an old Cherokee is

supposed to. Procter came out with a limited run (5000) of these kits a couple of years ago because of demand.....

Minutes from March 11th Meeting

The March 11, 2003 meeting of the Knox County Radio Control Society was held at the Deane Hill Recreation Center in Knoxville, Tennessee. President Jerel Zarestky welcomed all members and guests to the meeting. Joel Hebert presented the Treasury report. The meeting minutes were passed as published and read in the last newsletter. The meeting was called to order at 7:02pm.

It was announced that a check was sent to the AMA to renew the Club Charter and the Club insurance. A copy of our new By-Laws were sent along as well, to be approved or not by AMA. Someone asked when the Club's Incorporation ran out. The paperwork was filled out for renewal a month or two ago, there is a statement that we have to fill out every year.

OLD BUSINESS

It was mentioned that, as of March 1st, the combination to the lock on the gate at the field has been changed. The combination was published in the last newsletter. You can find it on the mailing label. Thanks to John Heard for changing the combination.

It was announced that the air show at the McGhee-Tyson airbase, which we were asked to have a static display, has been cancelled due to the world situation.

One of the events coming up at the field is the S.P.A. pattern contest, which will be held at KCRC field May 31/June 1, 2003. Registration will start at 8am; the contest will begin at 9am. Dennis Hunt said he saw some new members practicing the maneuvers the last time he was out at the field.

Last month, we discussed the trainer that Ben Dickmann gave us (the Club) a great deal on, and what we could do with it. At this month's meeting, Chris Luck said he checked with the Civil Air Patrol Cadets, and they weren't interested in it at this time. The other option was the young fellow that comes out to the field, Chris knows his family, talked it over with them and they think they are going to buy the plane and equipment for their son. The proceeds from the sale of the plane and equipment will go into the Club.

The flea market / fun fly and picnic was discussed next. We discussed having it on May 10th and if the Club will provide the picnic lunch or it will be a 'bring your own' affair. Jim Scarbrough said he would bring the beans and potato salad, and suggested that everybody bring a covered dish. Denny Evans said that Mike Rogers mentioned that he would like to cook a deep fried turkey, and Denny said he would cook another one of his Cajun hams. The Club will cover the expense for the turkey(s), ham(s) and for Jim to get the beans and potato salad. It was mentioned that we needed some deserts and drinks too. We will have 2 newsletters before this event, so it was decided that a committee would be formed to take care of all the details. Paul Funk has a couple of months to decide what events to do for the fun fly, so get out your plane and practice some of the maneuvers!

The next order of business, which is actually new business, is a float fly, which is being coordinated by Jerry Goss and Fred Heddleson, and is scheduled for Saturday, May 3, 2003. Sunday, May 4, 2003 is the rain date. Fred has a beautiful place for a float fly, with his backyard on the lake and we had a great time out there last year. If you have a float plane, bring it out and join in the fun and fellowship.

The next order of business was the sound measurements that are to be taken at the Club field. One suggestion was to start testing on the first weekend in April, start measuring sound levels on planes and handing out stickers. A lot of questions were raised. Would you have to bring all your planes at the same time? No. There is no need to bring all your planes at the same time. Testing will be done over a period of time, however all planes will have to be tested to get a sticker. Records will be kept to ensure every plane gets tested. It was noted that 98% of the planes were no problem, but all planes must be checked in order to get a sticker. There is no deadline to get your plane checked; however, it must be checked in order to fly at KCRC. The sound committee will be checking planes (Ed Hartley, John Heard, Chris Luck, Phil Cope, Ben Oliver, Mike Foley and Dennis Hunt, plus others who have said they would help. Tests will start at

the field on Saturday, April 5, 2003. We have 3 sound meters available to us.

NEW BUSINESS

The first order of business was the float fly, which was covered in old business.

The next order of business was an offer by Mike Houston for KCRC to be involved in a static display. Mr. Houston is involved in a model boat club, and asked if we would be interested in participating in some mall shows in the future. It was decided that we would talk more about that at a later meeting.

The next order of business was a request for ideas for programs at the meetings. In the past, we have had programs on maintenance of four strokes, how to apply fiberglass, just to name a few. Someone suggested having someone come in and show the correct way to apply Monocote® or how to set up and trim out a pattern plane. If you have an idea, please let Jerel or Phil know.

Joel Hebert suggested that we get with the County and see if we can get an official "green" sign saying Melton Hill Park and KCRC Air Park. The airfield at Harriman has signs that point the way to their flying field. Their sign reads Harriman Air Park. A nice touch!

Another point that was brought up was our First Aid kit. It was noted that it was used before near the end of last year, and the contents are getting rather skimpy. A suggestion was made to either restock it or to replace it. One of our members went to get a band aid out of the box the other day and there wasn't any! A motion was made to restock the kit we have.

Next on the agenda was the "show and tell".

During the show and tell, Jerel said he read on the Internet about something that some of the other flyers were using to wrap around their receivers instead of rubber bands. It's called vet wrap. It's kind of like an ACE bandage, but it sticks to itself. You wrap your receiver up in foam but use this stuff instead of rubber bands. He said it makes for a neat installation. He said he got some at K-Mart and paid 2 or 3 dollars for it. It's enough to last for quite a while.

Gene Waters brought some fuel out to the meeting for the guys that signed up for it. Jerel said that he has some helicopter fuel available. It's 18% oil 30% nitro. He said the big engines like the Saito 180's like the fuel.

MODEL of the MONTH

Dennis Hunt and Gene Waters brought out model of a Beaver on floats. He made the plane for a woman that wanted to get it for her husband's wedding anniversary, which is in April. They own a full size version of the plane, but it doesn't have floats. She sent him pictures and said money was no object. One problem remains..... how are they going to get the model delivered to Chicago? One thing they may do is fly the full sized Beaver down and land at Rockwood airport. Once they do, pictures will be made of both planes together. Dennis said he still kits the plane. The fuselage and floats are made of fiberglass. The kit costs \$535 but doesn't include the floats, they are optional. Gene did the detail work on the plane, it was outstanding! The plane doesn't have an engine, so it doesn't fly. Gene started working on it in August. Dennis said it's very hard to find information about the Beaver. Most of the planes that are around today are on floats and can be found in Washington State. Ed Lee found a guy that has flown a Beaver and still has the original pilot's manual. The manual includes a lot of internal detail, including the instrument panel, which Gene has put in the model of the plane. The model of the plane weighs 22 pounds. An awesome piece of work!

There was no entry for Crash of the Month.

After a short break, Dennis Hunt presented the program on the building process / decalage (setting the incidence of the wing and stabilizer).

The meeting was adjourned after the presentation.
Michael J. Foley, Secretary KCRC

This'n That

The Air Show at McGee-Tyson where we were invited to mount a model display has been cancelled. There was some concern about security problems, so rather than take a chance, they just cancelled the whole thing. At least that is my understanding of the situation. There will be more changes, I suppose, in our hobby in the future.....

The Ben Dickman donation to the club is to be sold. There was a problem with keeping the equipment because somebody was going to have to clean it up after use and take it home and store it until the next use, then bring it back to the field, clean it up after use, and take it back home...etc..etc. It would have been a lot of trouble, and no one volunteered. A buyer has been located.....

The Flea-Feed-Fun Fly on May 10th has been pretty well set. It will be the same format as the one we held last October. The club will furnish the meat (deep fried turkey and cajun baked ham, all done by Master Cook Denny Evans), plus baked beans and potato salad and bread. At this time there is no plan to render a charge for attendance, but attendees are encouraged to bring drinks, or a covered dish or dessert to offer some variety to the meal. Phil Spelt at 604-0541 (chuenkan@comcast.net) will coordinate the event. You might contact Phil to get an idea of what to bring or not to bring. Last years event was a lot of fun for everyone who attended, and the fun fly portion (CD Paul Funk) rendered a lot of laughs.....

Jerry Goss and his new assistant, David Dabbs, have set up the schedule for the first float plane fly of the year. It will be at Fred " Iron Man " Heddleson's Kingston property as it was in September of last year. It's a good place to fly, and Fred and his daughter are good hosts. I am including a map that David gave me to Fred's place. For information, Jerry's phone number and David's email address are given in the calendar on the first page...

It looks like there will be some competition for Jerel in helicopter flying. Doctor Bob Tatum is jumping into it now. Here he is with his new unit, complete with training wheels. If Doc does as well with chopper flying as he has done with aerobatic models, he'll do OK.



Speaking of helicopters, we had a bunch of them at

the field on Saturday, March 15th. Jerel Zarestky brought some friends of his to KCRC field to show how the helicopter can be flown if you have what it takes. In the first picture, Chris Candela, from Seymore, is getting one ready to fly



and his friend Henry Caldwell, from South Carolina, is sizing up the field.

First to fly was Ed Dundar, from Oak Ridge and a KCRC member,. Ed flies with Jerel and it is apparent that they watch each other and help each other in their maneuvers.

In the bottom picture, Henry has just finished doing an absolutely incredible routine! He flew the thing with what can truly be called " total abandon". I've watched Jerel fly some pretty impressive routines but this guy is in a whole



new class!!!

He started the routine when the chopper literally jumped straight up into the air about 6 feet, paused, turned its nose almost straight down toward the pavement, and went like a streak backwards down the runway! From that start, the flight had to be seen to be believed!!!!!!



The last meeting of KCRC at the Deane Hills Recreation Center on Morrell Rd. will be on Tuesday, April 8th, 2002 at 7:00 PM. Starting in May, meetings will be held at KCRC field. Please attend.