



KNOX COUNTY RADIO CONTROL

AMA Chapter 594 Knoxville Tennessee

KCRC Officers for 2007

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MEETINGS

FEBRUARY 13, 2007

The February meeting will be at the Fellowship Church, 8000 Middlebrook Pike at 7:00pm, Tuesday the 13th.

JANUARY 9, 2007

KCRC's annual January banquet and meeting was held on our usual, 2nd-Tuesday-of-the-month meeting date, at the Mandarin House on Gleason Drive. The proceedings are summarized nicely in the minutes submitted by our new club secretary, Ed Hartley.

MINUTES

A nice number were in attendance at the January banquet. (*more than 20 and less than 100, ed.*) The food and fellowship were great. Phil Spelt spoke briefly, introduced the officers and did our ritualistic "Bi-Plane Hat" to the new president award. He had already had this in his possession since he was the past president!

Jeff Prosize played some video with his computer and projector. A tip of the hat to Jeff for his efforts!

If you missed it, you missed a good time!

Ed Hartley - Secretary

PROPWASH

PHIL SPELT, KCRC PRESIDENT

February 2007

Well, Gang, with a new year, and a new term beginning, it is time to bring the ol' Propwash out of hibernation. I promise to do better this year, with the column and some other things with KCRC (see below).

The first order of business is to recognize the great efforts given to KCRC over the past year or more. First, a very large and very sincere "Thank you" to Jim Scarbrough for his many years of service as Newsletter Editor. This is an extremely demanding job, and Jim made our Newsletter something that KCRC can be proud of, and that serves our communication needs extremely well. In addition, Jim

served very ably as Secretary of the Club, another demanding task. As I think back over Jim's term, I can remember only a very few times he missed a meeting, mostly due to illness. Again, Thank you, Jim.

Gary Lindner also served the Club well as VP. He occasionally filled in for me, and most importantly he handled our Club picnics, making them delightful events for the many KCRC and Tennessee Eagles members and families who attended. Thank you, too, Gary.

At present, KCRC has two events scheduled: the Ben Oliver Memorial AMA Pattern contest (end of May), and the SPA Master's Contest (mid-September). We have also talked about having one or two float fly's, and a war-bird fly-in. We will discuss them at the February meeting. We also will want to have a KCRC picnic or two, again, which will also be on the Feb. agenda.

I want to have some programs at KCRC meetings this year (at least for our indoor meetings), an item on which I have been remiss the past couple of years. My thanks to Scott Anderson and Jeff Prosize for the few we did have. Our By-Laws call for a Program Committee, which I will appoint at the Feb. meeting. Finally I will be looking for input from members on ways to make our great Club even better, as always.

This is the Wingman turning final...pfs



Phil Spelt, past president and the new KCRC president, along with, Carolyn, his lovely First-Lady, again both past and present, accepting the crown and taking the reins for his nth term. (Phil, the hat is very becoming on you but please, next time, you don't need to wear it **to and from** the restaurant!)



Club Banquet "entertainment coordinator", Jeff Prosis, with his complete hi-tech presentation system...I see future programs in the offing here!

MODEL TECHNIQUE

This will be a place to put something informative from the technical side of the hobby/sport every month. The following is from rec.models.rc.air by Brian Felice (a few years ago):

What's the difference between silver soldering, silver brazing and hard and soft soldering?

Terminology- Brazing used to refer to the joining of metals with a bronze based filler material but has now come to include silver solder. In practice, there is little difference between brazing (with a copper based filler material- bronze) and silver soldering other than the material itself.

Because this topic comes up from time to time.... Joining of metals using heat and filler metal is divided between two basic categories, welding and soldering. Welding occurs when the filler material is the same as the parent material (i.e., welding steel is done with a steel filler rod). Soldering is always done by using a lower temperature melting alloy, i.e. joining steel with lead / tin / antimony or silver. Flame welding is virtually never done anymore while flame soldering is common.

Soldering is further broken into two broad categories, "Hard" and "Soft" soldering. Any filler alloy that melts below 800° F is considered soft solder, while an alloy with a melting temperature above 800° F is considered a hard solder. Silver and bronze based alloys are "hard" solders and will easily reach 50,000 psi in tensile strength given a good joint (this is quite strong). Soft solders, usually lead or tin based fillers, are not nearly this strong but perfectly adequate for copper tubing or model airplane landing gear, IMO. Soft solders are generally easier to use, require far less heat and are much less sensitive to the quality of flux used and the cleanliness of the parent material.

(Ed.: After hammering some true silver-soldered landing gear into runways for a couple of decades, I've found there is no

comparison in strength between a good wire-wrapped hard silver-soldered joint and a soft-soldered version! But, it does require a bit more effort!)

"You can always tell an Engineer.....but you can't tell him much"

FROM THE EDITOR

Hey, that was easy...I thought they said this was a tough job? Oh, wait... I need to fill in the rest of the pages....on second thought...HELP! This is your newsletter, so if you want it to be anything more than just a quick note on events, with only when's and where's, some members will have to contribute newsletter worthy copy every now and then. We'll see where this all goes over the next few months and I hope I can at least come close to meeting Jim's excellent standards set over the many years he had this job. By the way, how about another big round of applause in appreciation of Jim and the great job he did with newsletter for KCRC!

Since I don't get to the field as frequently as I used to, I would like to ask those with digital cameras to occasionally send me a photo or two of activities at the field. Please include names, dates and aircraft name. Action shots would be especially welcome since I've heard tales of spectacular flight maneuvers executed at KCRC which are frequently rewarded accordingly at the meetings...with a bottle of CA.

Phil mentioned the possibility of a float fly (or two) this summer. Now is the time to get ready for those ROW's! (rise off water) There are now several float planes in ARF form out there and many sport models are easily converted to float plane operation with the addition of kit or ARF floats. Think of a float plane as a way to have access to many more possible flying sites. East Tennessee is a great place to find those isolated yet open lake front sites from which to launch, fly and retrieve your float plane. Be sure to clear your activities with any home owners near by and watch out for other water craft activity in your landing zone.

If there is interest, we can print some float installation how-to's next month...let me know!

FOR SALE

Focus 2, complete package (call Ed for endless list of included items!), OS 140 RX, Futaba digital 9252 servos on all flight surfaces, Asking \$1500. Will sell minus radio and/or power plant if desired. Ed Miller, 865-824-9429

New in box classic, SPA and VRCS legal Pulsar biplane. Gel coated fiberglass fuselage with foam wings. Asking \$200 Ed Miller, 865-824-9429

Futaba 9ZAP synthesized transmitter, 64K Futaba Campac, original carry case, manual, neck strap, DSC cord, tools and box. NimH 1650mah battery and spare battery cassette. Immaculate condition, serviced regularly. Asking \$525 Ed Miller, 865-824-9429

JR Electronics; I've found I have more Futaba gear now than JR so I'm selling all my treasured JR radio equipment. A list will be available soon but if you need a complete system (8103), receivers (a bunch! PCM and micro) or servos (a bunch more, all coreless) call Jerel Zarestky, 865-482-7953

Left at the field; 12V starter, Hobbico (?) w/yellow plastic, Jerel Zarestky, 865-482-7953