



KNOX COUNTY RADIO CONTROL

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February 2023 Newsletter

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President's Corner

By Warren Oliver

Well, here we are nearing the end of February and between an uncertain work schedule and poor weather conditions I have only made it to the field a few times this year. I did get a chance to join a few diehards and test fly an Ultrastick I had been working on a while. It went well and it was good to chat with the other fliers. I am sure ready for some warm weather and good flying conditions.

I have been doing a bit of building. One thing that has made itself apparent is that many of the materials used to build model airplanes are becoming scarce or disappearing completely. It has been a long time since I used silk and dope to cover a model, but it looks like that may be the solution for the Nieuport 28c that I am building. There is no longer any painted fabric iron-on materials left on the market that I can find. Solartex and Coverite are two that I have used in the past but are no longer available. Balsa wood, another commonly used material, has become very expensive. Kits to build are improving in quality but increasing in cost to the point that it certainly makes no financial sense to build a model when compared to the excellent ARFs that are available.

On one hand that all sounds a bit depressing for those that enjoy the building aspect of our hobby, but I think the ingenuity of those involved will carry the day. As certain materials become scarce or

expensive, we will find new solutions. Craig Dieter has come up with some silk (left over from a silk screen printing shop he cleaned out) to allow me to cover the Nieuport without going broke. I am experimenting with materials that can be painted on the airframe to act as a heat activated adhesive so that I can iron on the fabric and then finish it. I am trying to stick with water-based materials commonly available so that my wife does not get too upset because I stink up the house. Water based polyurethane seems to work reasonably well. Building the Nieuport 28 has been allot of fun because of the precision of the laser cut parts. The cost of the kit is reasonable because there is very little balsa wood in it. The materials used are almost exclusively spruce and plywood.

By the way if you do want to try your hand at building something there are still some excellent builders in the club to consult with. Jimmy Russel, Craig Dieter, Phil Cope, and Bill Dodge are just a few that come to mind. I am sure there are others that I am missing. I know all of these folks enjoy building and talking about building. There are still a number of kits on the market that are reasonably easy to build. For me there is a special thrill in seeing something that you have put together yourself take to the sky successfully.

February Meeting

By Richard Love

KCRC Meeting Minutes – February 14, 2023

President Oliver opened the meeting at 7:00 PM.

The meeting was held at Fellowship church with 13 members in attendance.

New member Ron Clayman was introduced and referred to Phil Cope for training. He mentioned that he learned about this meeting from our website.

Minutes for the prior monthly meeting held 10 January 2023 were approved.

Joel Hebert presented the treasurer's report. Additionally, he has sent our list of club officers for this year to AMA, has filed our Tennessee Corporation Annual Report, and stated that he will send our rent check to Park Services in June.

Safety officer Phil Cope had no incidents to report for the past month.

Todd Thomas has been monitoring FRIA activity and working on our desired airspace plan for KCRC. He will work with Joel on the submission required later this year.

Treasurer Hebert presented his budget proposal for this year. See the attachment at the end of this newsletter.

The amount suggested for field maintenance drew some discussion. The runway was repaired last year so nothing major is expected for maintenance this year. Other items mentioned were possible expenditure for the control of fire ants and carpenter bees. Additionally, there was a discussion for laying gravel on the path made accessing the flight line to load and unload our planes and equipment. Matt Conser will investigate the cost.

After discussions, the budget proposed by Treasurer Hebert was approved.

Model of the month entries were Dieter with his hand launched mini Bird of Time glider and Bob Morris with his electric version "HOTS". Warren Oliver also showed us his partially complete

Nieuport 28c. This time, Dieter won the bragging rights for the month.

There were no crashes of the month.

Our next meeting will be held at Fellowship church on March 14.

The meeting was adjourned at 7:52 PM.

Meet Mark German

Mark joined the club this year but has been flying planes at area clubs for a while. The paved runway is an attraction for some of his smaller planes and makes takeoffs and landings much easier for them. He has been in the hobby for the better part of 40 years, so he knows a thing or two about RC planes. Like many of you he has been through scores of planes over the years; sport planes, pylon racing, scale, EDF jets, and 3D aero to name a few. He has a special interest in foamboard combat so if you like to tie a streamer to your zippy planes and chase others around in the sky, you have a new friend.



Recently he has been test flying his new warbirds and has found a great flying Corsair which you will no doubt be seeing this Spring and Summer. Say hi and have a chat next time you see him at the field.

The weather has been rough lately, but Spring will soon be here!

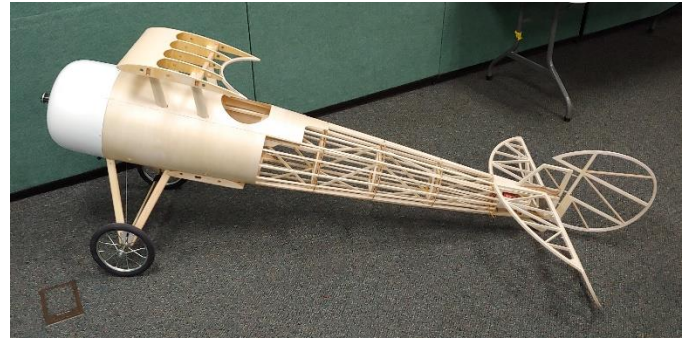
Scratch Building at KCRC

By Bob Morris

At the February meeting we had a taste of the new planes we will be seeing this Spring and Summer. Craig Dieter showed us his scaled down Bird of Time glider and his modified Stick. The glider flies well with a Hi-Start line launch and has seen a few flights. The Stick has plenty of power and does just about anything you can expect a Stick to do. Two great flying projects to come out of the winter workshop.



Warren Oliver has been thinking big this winter and is working on a 1/3 scale Nieuport 28c. He brought the fuselage to the meeting to show us the progress. I guess he needs a U-Haul truck to haul the wing as well! Quite a project and when it is done, he may have to build a hanger next to his garage. Stay tuned as we are all interested in how this project turns out. A big motor, 100-amp speed controller, and box full of pattern plane battery packs will power it. The photo doesn't do justice to its size.



At the other end of the scale Bob Morris showed us his Electric Hots. This is a somewhat updated version of the 80's series of planes that were popular sport type planes ranging from 36 to 80-inch wing spans. This is one of the smaller (36" span) ones that was designed around an electric system – a pioneer for the time - with a modern motor, Lipo battery, and contemporary radio in place of the old brushed motor, NIMH batteries and 72 Mhz radio.

It's just about ready to go so expect to see it in the early Spring.



Craig Dieter was voted the winner and got a bottle of glue. As the rest of you complete your winter projects, bring them to the meetings so we can see what you have been up to this past winter.

KCRC Budget for 2023

Item	2022 Expenses	2022 Total	2023 Budget
Mowing	12 Mowings @ \$110	1320	1650
Field Maintenance	1821 + 560 + 47 + 150	2578	4000
Porta-Potty	12 @ \$150	1260	1300
State, County, & AMA Fees	161 + 25 + 41	227	300
Postage & Supplies		0	50
Events	\$183 Total	183	500
Utilities	75 + 125 + 200	400	400
Room Rental	5 @ \$64	320	400
Totals		\$6288	\$8600

The budget is based on estimated increases due to inflation and increased costs due to labor/shortages. In addition, extra funds have been added to Field Maintenance for gravel and grounds work in the loading area to control erosion.