

KCRC NEWSLETTER

JUNE 2007

June Meeting-
Tuesday, June 12th,
7:00pm, at the **FIELD!**



PROPWASH



PHIL SPELT, KCRC PRESIDENT

May was a busy month for KCRC. The Spring Float Fly (see article elsewhere) was a great success thanks to Dennis Drone and Kurt Nitsche. Then, on the last weekend of the month, Scott Anderson CD'ed the Ben Oliver Memorial Pattern Classic. We had a total of twelve pilots, nine of them from KCRC!

The same day as the Float Fly (the 12th), Knox County Parks and Recreation Department held the first GoExpo. KCRC was invited to have a booth, which we did. Scott Anderson and Craig Dieter were out at Victor Ashe Park ALL DAY, staffing the booth. I joined them after the Float Fly. Scott flew his foamy flat plane through some pattern maneuvers late in the afternoon. We had several people stop by to admire the planes Craig had brought, and there were some questions about my Cessna 177 on floats. Unfortunately, at any one time, there were more booth staff people than visitors.



The GoExpo booth with Craig and Scott and some of the planes displayed there.

All you Warbirders, don't forget to support the Tennessee Eagles' Warbird fly-in on June 9th at the Harriman field.

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

MINUTES: MAY MEETING

- The May meeting was called to order and the minutes of the April meeting, as printed in the newsletter, were approved.

- The treasurer report showed an ending balance of \$2,198.67 and was approved
- The Go-Expo was discussed.
- The float fly was discussed.
- Scott Anderson gave a brief summation on the progress of the AMA pattern meet.
- The new gate combination will be mailed out shortly to active members.
- A photo album was suggested for the web site by Charles Wilson. Your (stupid) secretary volunteered to start this project. It will be necessary for those wanting their pictures online to email them in 8"x10" format to Ed along with pertinent information, plane type, motor, radio etc.

The following photos are by Ed (no-not so stupid) Hartley.



Marc with a 1937 Buccaneer, scratch built from plans by his dad, Bob Sobolewski.

CALENDAR OF EVENTS

- 9(10)-Jun.....TERC Warbird Fly-In
(Sunday rain date)
12-13-Sep....SAM Old-Timer @ TERC
15-16-Sep....KCRC SPA Masters

More photos from the May meeting;



60 Kaos by Mike Miller.



Mike Gross and his P-51.



Tony Wylie's Predator.

SPRING KCRC FLOAT-FLY

The spring Float Fly was held on May 12th, 2007, at the home of Mr. And Mrs. John Hendrickson. John is KCRC'er Kurt Nitzsche's father-in-law, and was a great host, providing both a wonderful site (see pic) and also the retrieval boat. This all came about because Dennis Drone wanted to help us find a good site, and Kurt offered John's home. The picture shows what a great site we had.

It threatened rain all morning, and even made good on that threat, briefly. However, everyone there had a great time, and we owe John and his family a big THANKS. We had seven pilots for this event:

Former and Honorary KCRC'er Jim Casey and his son Kevin came all the way from Cookeville to fly with us. The others were Phil Cope, Jeff Prosis, Tom Nelson, Jerel Zarestky, and Phil Spelt. We flew from 9:00 only until noon, as I wanted to free up the frequency pins for regular Saturday afternoon flying at the field. We float fliers certainly thank the "land-lubbers" for their patience with us. One land flier called us on a cell phone, and shared a frequency with one of us with no problems. We were out of range for the Club's walkie-talkies, as the ridge was between us.

We are planning another float fly for sometime in August. Randy Jones is helping us negotiate a date for the Oak Ridge marina area with the Oak Ridge Rowing Association. When we know the parameters, we will set a date and I will get a permit from OR Parks and Recreation....pfs

The following pictures by Jeff Prosis (jp) and Phil Spelt (ps) are from the float-fly ;



The flying site. (ps)



Staging area for float planes. (jp)

AT THE FIELD (AKA, LAKE)

More photos from the Float-Fly



Jeff Prosise and his Cub. (jp)



Tom Nelson puts Jerel Zarestky's Cub out to sea. (jp)



Flying site scene. (ps)



Jerel's Cub in a fly-by. (jp)



Flying site scene. (ps)



(ps)



(ps)

Jeff's Cub taxis out

(ps)



Preping the Cub. (jp)

2007 BEN OLIVER AMA PATTERN CONTEST

Well another Ben Oliver pattern meet is over and the KCRC guys had several clean sweeps in the contest !!!

Many companies donated to this event. A SPECIAL "Thank You" goes to Gary Phillips at the local Hobby Town for 2 cases of 25% cool power fuel. Also contributing were Radio South, APC Props, Great Planes, Micro Fastener, RTL, Sullivan products, TruTurn, Bob Smith Glue, Lone Star, SIG, Performance Model Aviation and Carl Goldberg.

Angie May did a great job getting our lunch taken care of, Thank You !!!

The event started Friday night with a mini E-contest which challenged the pilots and their little electric plane's. The pattern was given to the guys only 10 minutes prior to the first flight. The guys did a great job! Ed Hartley and I did the judging and Marc Sobolewski helped with scoring. Jon Lowe won this E-flight pattern event.

It was a great sunrise at the field Saturday morning. Registration went very well. "Thank you" Larry! you did a great job with the flight board. We had 12 pilots competing so at the pilot's meeting we decided to change this into a one day contest. With that decision, the flying rounds began. Joel did another great job with the computer scoring and even debugged a software issue.

There were no crashes, just some minor damage to Jon Lowe's and my plane with some landing issues.

Here are the final standings by class;

Sportsman

| | |
|-------------------|----------|
| 1 Bill Dodge | 4000.000 |
| 2 Don Eiler | 3938.988 |
| 3 Marc Sobolewski | 3836.258 |
| 4 Carl Gerth | 3408.810 |

Intermediate

| | |
|------------------|----------|
| 1 Scott Anderson | 4000.000 |
| 2 Warren Oliver | 3983.811 |
| 3 Phil Spelt | 3704.726 |

Advanced

| | |
|---------------|----------|
| 1 Jon Lowe | 4000.000 |
| 2 Ed Hartley | 3842.408 |
| 3 Dennis Hunt | 3365.781 |

FAI

| | |
|-----------------|---------|
| 1 Cameron Smith | 4000.00 |
|-----------------|---------|

There will be photos posted soon on the KCRC web site and several other links which will be posted.

Thank You to all the KCRC members who came out to support OUR club activity,

Great Job guys!!

Scott Anderson
Contest Director

The following photos from the contest were taken by Jim Scarbrough.



Don Eiler preps his Intruder.



Warren Oliver, Phil Cope, Mike Miller and Jon Lowe.



Cameron Smith and his E-powered pattern ship.



Dennis Hunt and his Daddy Rabbit.



Phil Spelt tries to mesmerize the judges. Do the red stripes on his plane appear to be curved or are they as straight as his entry and exit from each maneuver?

MODEL TECHNIQUE

BUILDING THE BETTER ARF

JEFF PROSISE

Many ARFs advertise that they can be assembled and ready to fly in as little as eight hours. That seems overly optimistic to me given that 30-minute epoxy needs eight hours to cure. Maybe manufacturers assume that we'll use white glue instead of epoxy. If you do, remind me to park my car as far away as possible when you test-fly your plane.

Humor aside, you should never be in a rush to get an airplane to the field. Haste could cause you to overlook something critical. Moreover, by taking a little extra time and doing more than the manual prescribes, you can produce an ARF that flies better and lasts longer.

Here are a few tips for improving the quality and longevity of an ARF:

- Most ARFs have unprotected wood surfaces that need to be fuel-proofed before the first flight. Firewalls are a great example. Seal surfaces that are exposed to fuel and fuel vapors with epoxy, finishing resin, or another fuel-proof coating to prevent fuel and oil from saturating and weakening the wood. You can thin epoxy with alcohol or hit it with a heat gun to make it flow better. I like to fuel-proof the forward portion of the fuselage interior, too, to protect against fuel leaking from the tank or stray vapors coming from the exhaust.

- Web discussion forums are filled with reports of ARFs whose firewalls tore away in flight. If your ARF's firewall doesn't seem sturdy enough, fiberglass the back of it for added strength.
- While you've got the epoxy out, take a moment to reinforce critical joints in your ARF, especially joints around formers, servo trays, and wing bolt trays. I've seen at least one ARF go down because the servo tray came unglued in flight, and I narrowly avoided disaster once when I noticed during preflight that my wing bolt mounting plate was loose.
- Consider replacing clevises, control horns, fuel tubing, and other hardware that comes with your ARF with higher-quality components from manufacturers such as Dubro and Sullivan.
- Painted cowls will last much longer if you clear-coat them with Top Flite LustreKote or a similar fuel-proof coating.
- Reinforce screw holes in cowls and canopies with CA hinge or fiberglass to prevent the holes from tearing out.
- To better secure cowls and canopies that are held on by wood screws, reinforce the screw holes with hollow plastic inserts. The ribbed inner tubes in Sullivan flexible push rods are perfect for #2 screws. Just drill holes slightly smaller than the tube, glue in short lengths of tube, and thread the screws into the tubes.
- Check over your ARF and make sure that pre assembled screws are tight. For set screws that perform critical functions (such as holding on wheels), remove the set screws and add Loctite. ARFs rarely ever come with Loctite already applied.

Remember: a little extra time up front can extend the life of an ARF many-fold!

FOR SALE / WANT TO BUY

For Sale:

- OS 4-stroke 26 Surpass. Like new. \$100. George Shacklett 525-1369, shack11@bellsouth.net

For Sale:

- Ready to fly Superstar 40 (Hobbico), OS .46 LA (blue), Futaba 5UAP, Excellent condition, \$450;
 - Super Tigre G-2300 (new in box), \$130;
 - Piper J3 Cub (Sig Kit), Saito .56 Golden Knight, \$300.00;
 - OS FS-26 4-Stroke w/o pump (new-in-box), \$130.00;
 - OS FS-120 4-Stroke (used), \$230.00;
 - Pico J-3 from GWS, plus JR QUATRO, \$250;
 - E-flight Charger for J-3 battery, \$70;
- Arnaldo Caiado, 966-6433, caiado@charter.net

For Sale:

P-51 with .45 engine, never flown, Fred Heddleson, 483-0702, heddlesonf@bellsouth.net.

For Sale:

Kyosho .60 size Giles 202, photos at: <http://mywebpages.comcast.net/thezs/myrc/Giles/>
Quality airframe, glass work is top notch, excellent flier, highly aerobatic, best snap-rolling plane I've had (does a great snap in vertical up-line!). Radio and engine are installed and can flight demoed.
Airframe only \$195, w/JR coreless ball-bearing servos, switch and battery pack \$315, w/OS .91 Surpass 4-stroke \$450.
Jerel Zarestky 482-7953, jerzee4@comcast.net

IN COMING MONTHS

- **NEW COLUMN IDEA: LESSONS LEARNED!** Have you ever learned a lesson either early enough to prevent a crash or after determining the cause of one? Jeff starts us off with a couple of his LL's in the next couple of months.
- **NEW R/C FIELD AND AIRSTRIP NORTHEAST OF KNOXVILLE:** Grass seeded, AMA sanction in the works...more news as it develops.

AMA Chapter 594 Knoxville Tennessee 2007 KCRC Officers

President: Phil Spelt, 435-1476, chuenkan@comcast.net
V P; Craig Dieter, (423)420-9646, cdieter@bellsouth.net
Secretary; Ed Hartley, 966-244, roho3@rcpattern.com
Treasurer; Joel Hebert, 705-9618, hebertjj@comcast.net
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Board of Directors

Dennis Hunt, 483-8373, dehunt@nxs.net
Gene Waters, 483-9698, ehwaters.1@juno.com
Jerel Zarestky, 482-7953, jerzee4@comcast.net

other club positions

Historian; June Cope, 694-8687
Webmaster; Phil Spelt, 435-1471, www.kcrctn.com
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