

# Washington R/C Flyers Newsletter

www.washingtonrcflyers.com

## December 2008

WASHINGTON



R/C FLYERS

E CRUGER RD & SPEERLY LN



### NEXT-MEETING

Our next meeting will be at 7:0 pm on December 9, 2008 at the Washington Park District.



### FOUR STAR RACE NEWS

WRCF Washington, IL. May 2nd  
SIRS Bloomington, IL. May 23rd  
PRCM Mossville, IL. July 18th  
Pekin RC Pekin, IL. August 8th

Here's the scoop thus far for our 2009 Formula Four Star Racing (FFSR) series schedule;

First race of the year will be hosted by WRCF and will be held at the club field in Washington on May 2<sup>nd</sup>, 2009. Bloomington SIRS has the second race for 2009 and is being held at their club field in Bloomington Saturday May 23<sup>rd</sup>, 2009. The third race of the year is hosted by the Peoria RC Modelers (PRCM) at their new club field on July 18<sup>th</sup>, 2009. The fourth will be hosted at the Pekin RC Field ( The Herman Lowery RC Field) on August 8<sup>th</sup>. Jim Hogan is the new VP & PRCM race coordinator, Jim we will need a new piece of map information to post on the FFSR website please.

We are going to propose a new championship finale for the FFSR program this year. The format is simple – the Top 12 racers for the season will be invited to participate in a championship race. The race sequence is we will fly 6 rounds using a 3 plane heat format, for four heat races per round. The interesting part is that we will rotate all racers so they fly against different racers on each rounds heat races for a true fly off type of format. We'll determine something special in terms of awards and the places that will be awarded at a later date. We are considering a September race date. Our to-do's as a race coordination body, is to refine our racing procedures using lesson's learned form last year and

President	Steve Grob
Vice President	Wally Walwer
Sec./Treasurer	Tom Clark
Newsletter Editor	John Bremenkamp
Safety & Rules Committee	
Maint. & Grounds Committee	John Bremenkamp
Events Committee	TJ Klise
Social & Education Committee	Kayton Heavrin
Site Committee	Paul Cobb

make sure we accomplish standardization across these procedures for our 2009 races going forward. That's it guys – let me know if there is anything else you'd like to see added to the discussion agenda. Thanks for your participation and I'm looking forward to working with you all on a successful racing series in 2009. Cheers!  
TJ



We hope carnage like this will not occur again.

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### SOME NOVEMBER FLYING



There assuredly have been more flyers flying this November than the owners of the planes to the left, but we will mention a fragment of them. These were taken on Saturday, Nov 29 just one day before two or three inches of snow on Sunday.

### MEETING of November 11 HIGHLIGHTS

The meeting was held at the Washington Park District Conference room with Brian Miller officiating. Cash flow for the last three months was \$446. There is a \$1240 balance. A motion was moved and approved that the club start a savings account. Harold Hoskins was a first time visitor Chris Betz was a second time visitor. The officers for year 2009 are: Steve Grob as president, Wally Walwer as vice president, Tom Clark as secretary/treasurer and John Bremenkamp as newsletter editor. Pay your AMA dues by Dec 15. The January dinner meeting menu at

Denhart's dining room will be a choice of the Southern fried chicken for \$12.95 and the 10 oz. Prime

Rib for \$19.95. WRCF will host the Four Star Pylon Race on May 2, 2009. Mark Reeves would like to see every one on the club roster make a 2009 flight. The officers will develop a 2009 event schedule and Dick Franzen mentioned that it would be nice to have all the scheduling on the second Saturdays of each month.



What To Do When Epoxy Doesn't Harden Properly Epoxy is one of the best modeling materials available. It's useful as an adhesive for wetting out fiberglass cloth, as a filler, and as a finishing material. It can be thinned



or thickened for a variety of purposes. But, even though it is useful, epoxy also can be a pain

when it doesn't harden properly. There are two important issues when dealing with epoxy: proportioning and mixing. Of these two, mixing is the most critical. Misproportioning the hardener to the epoxy generally leads to slow hardening, but lack of proper mixing can lead to permanently sticky epoxy. Many hard strokes are recommended when mixing any amount of epoxy. Make sure that your mixing is adequate. Always mix your epoxy before putting in any additives. Both thinning and thickening agents can keep epoxy from mixing properly. Give the epoxy adequate strokes first



and then put in the additive. Thinning Epoxy can be thinned using acetone or denatured alcohol. Either of these can be added to make

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it more watery. A mix of up to 50% doesn't seem to have any effect on the final strength of the epoxy. Thinning the epoxy will slow down the curing time and make it wet out fiberglass and carbon fiber better. Thinned epoxy also can be wiped onto balsa as a finish. Thickening Epoxy can be thickened by adding almost any inert fine-grained solid, from sand to cotton fiber. Modelers usually use microballoons for thickening epoxy since they are readily available and add little weight. Thickened epoxy can be used to make fillets or to fill gaps. 5 minutes, 15 minutes, 30 minutes, more? Epoxy comes in formulations for different curing times. The times

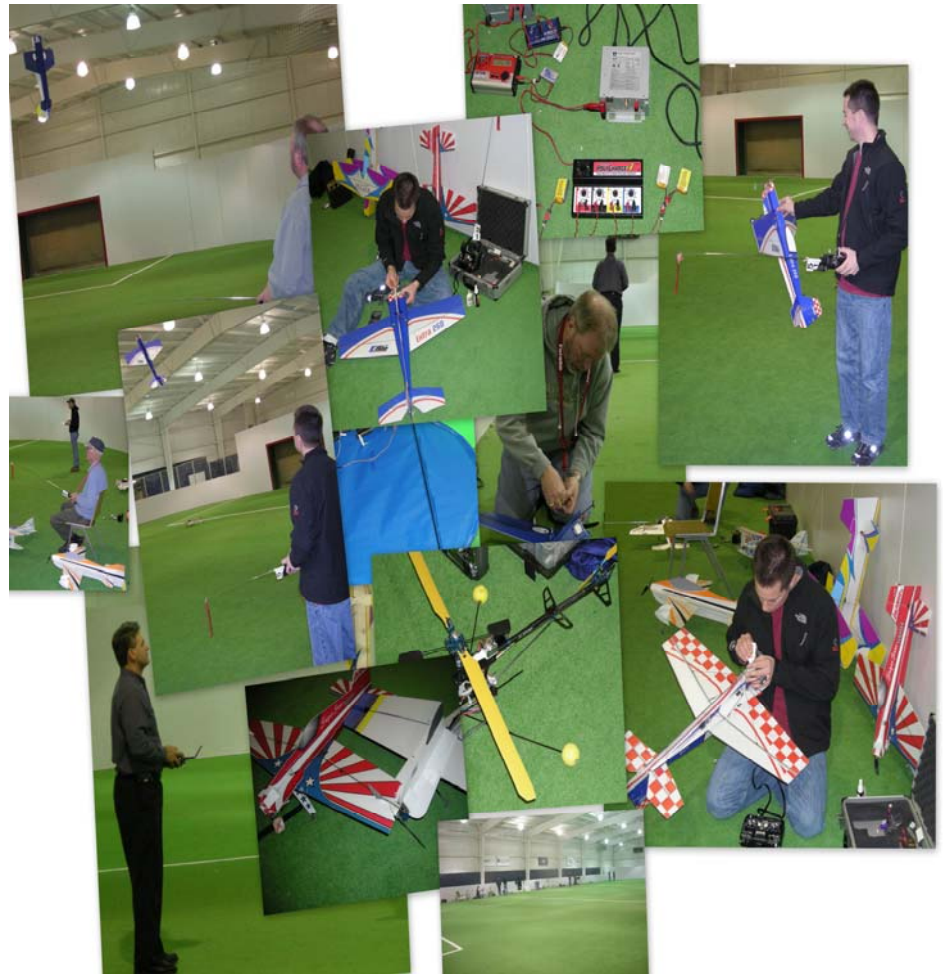
listed on the package are strictly nominal and

generally refer to curing time. Five-minute epoxy does not give you five minutes of working time. At best, you will get 20 seconds of working time in which to place 5-minute epoxy before it starts to "hit." Thirty-minute epoxy gives you around one to three minutes before it starts to hit. These times will vary with temperature, mix proportions, and proper mixing, but they are good reference points. In general, 5-minute epoxy is only for spot gluing. It is great for small, quick jobs but not for involved tasks. A general rule of thumb is the working time for epoxy (after mixing) is about 10% of the time listed on the package. Keep in mind that epoxy mixed and left in the cup will hit faster than epoxy that is spread out immediately. Clean up Epoxy on the hands can be cleaned

with acetone, denatured alcohol, or vinegar. Vinegar is the most desirable of these three but it smells. Soft soap, when used straight and rubbed patiently and thoroughly on the hands, removes epoxy residue in a completely satisfactory fashion. The best thing to do is wear latex gloves while working with epoxy and toss them when you're done. It avoids any possible allergic reaction and eliminates the clean-up problem.

*From the newsletter of the R/C World Flyers  
Al Sorensen, editor Orlando FL*

OUR GUYS ARE AT IT AGAIN THIS WINTER AT THE MIDWEST INDOOR SOCCER FIELD ON OLD GALENA ROAD NEAR THE CATERPILLAR MOSVILLE PLANT, RIGHT ACROSS THE STREET FROM THE SCHOOL.



INDOOR FLYING IS NOW POPULAR.

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