

Springfield Radio Control Flying Club



AIRMAIL



www.springfieldrcclub.com

AMA CHARTER CLUB 394

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neat to see so many "visits" and "discussions" going on, and to see some of the members we haven't seen for a while.

Fun Fly:

There were 4 entrants (Justin Heath - Venus 40, Bryon Scott - Small Biplane, Barry Harper - Sonic and Ralph Todd - Magic). We tried to get Sparky to join in the fun, but he wouldn't. First event was maximum number of loops in one minute (Barry 19 and Ralph 17, Bryon 13). Second event was max spins after a climb of 30 seconds (Justin 19, Barry 16, Bryon 10). Third event max touch and goes in 2 minutes (Justin, Barry and Ralph 7, Bryon 5 1/2). Forth event minimum time for take off roll, loop and land (Barry 27 sec, Ralph 28, Justin 32 and Bryon 34). Fifth event minimum time

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Swap Meet:

Sellers and bargain hunters were slow to arrive after the gate opened at 8am. But, there were plenty of things to buy and or sell. There were a few non-members present. Jason

Costello probably bought the most.

Family Luncheon:

A crowd of more than 35 feasted on the many goodies. It is certain no one went hungry. It was

2007 Events

June 9	Fun Scale Contest
July 28	Float Fly Practice
*Aug 11-12	Float Fly
*Sept 8-9	Pattern Contest
Oct 20	Swap Meet
Dec 7	Christmas Party

*AMA Sanctioned Event

NEXT MEETING

JUNE 7TH

LIBRARY CENTER

4653 S CAMPBELL

The Presidents Corner

Our special thanks to Ralph Todd who hauled away the old out house and put up the new signs on and near the front gate. Our special thanks to O.D. Fine for repairing the wind sock giving it new bearings and a stronger swivel shaft. Our special thanks to another member for supplying a new wind speed and direction indicator with rain gauge. A special thanks to Doug Bennett and one of his work associates who are responsible for new the new frequency pins. And, our thanks to Bob Ford and his associate for keeping the field mowed and looking really nice.

Barry

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for slalom taxi on runway around cones (Justin 0:56 sec, Barry 1:13, Ralph 1:14, Bryon 1:22). Ralph bent a wheel (to a horizontal position) on one of the touch and goes and it was quite hilarious seeing him do the rest of the touches with one wheel. Ralph awarded "prizes" for the top three finishers. Our thanks to all those who participated and provided a little "entertainment" for the crowd.

Lady Fly:

Three brave ladies took to the air on buddy boxes throughout the afternoon.

It was a magnificent day with mild north winds. If you missed this one, plan for the one next year.

Tips & Tricks

Measuring Washout

Washout, the downward twist in wingtips that improves low-speed flight, is sometimes used in airplanes with flat-bottom wings. A good way to make sure each wingtip has the same amount of washout (or any at all) is to get two straight dowels or carbon rods. Tape each to the bottom of the wing near the tips.

Set the wing on something so you can see both rods, and sight down the wing so you can see each rod in relation to the other. The rods magnify any angle that might be present in the wing.

Correct the wing twist until you have the angle you want. This doesn't work too well with wings that are rounded on the bottom, but is an excellent way of making sure the flat-bottom wings are true.

Propeller Hang

This is probably one of the more difficult maneuvers to master, but once you get it right, it is probably one of the most spectacular. The object is to fly along slowly then pull to a vertical position, allow the speed bleed off giving it throttle to keep the model in a stationary vertical position.

Keeping the model in a vertical state while hovering still requires a lot of work with throttle, rudder, elevator, and a little aileron, the torque from the motor tends to make the model start torque rolling.

Practice this at a safe altitude and once you can hold your aircraft in a stable propeller hang as well as be able to fly out of the maneuver without losing any height, you can slowly start practicing at a lower and lower altitude. This maneuver requires enough power to be able to climb vertically out.

both from the Suffolk Aero Modelers, Bay Shore, New York

Scrap Aluminum

One of the most useful and inexpensive tools in the workshop are pieces of scrap aluminum angle iron cut to various lengths and of various sizes. I find that a selection of 1-inch, 2-inch, and 3-inch pieces, varying in length from one to six inches are quite helpful, and these can be obtained at a metal supply shop.

If you have a metal fabricator near you, you might try asking him to sell you some scraps of angle about these sizes. Since these lengths are considered trash to these fellows, you may get lucky and get them for free. Even if you don't, the cost should be minimal, and as useful as these are, I would have purchased new stock and cut it up into pieces to obtain these tools.

What good are they, you ask? Well, here are a few of the things I use them for and I'm sure you can come up with more once you start using them. First off, this is a great way to align

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Springfield RC Club Minutes for May 2007. Ray Niles, Secretary

The meeting was opened at 7 PM by President Barry Harper.

There were 16 members and three guests in attendance.

The April meeting minutes were approved. The treasurers report was read by Treasurer Rhodes and approved.

Old Business:

The Club was pleased to receive two new plane starting stands built by Charles Newton from funds authorized in the March meeting.

A progress update was given on the field work day effort:

- The runway patch work will continue until all the applied material settles.
- As more Pavilion roof leaks are discovered more repair will be done.
- As time permits, more old building debris and trash will be removed.
- The south automatic lights on the Pavilion need some attention.
- The repaired wind sock is not yet installed on the mast.
- The new frequency pins are not yet completed.

A phone number for obtaining info on the club and to advise the Club of any concern should be on the entrance sign at the Club gate. President Harper's phone number will be put there for that purpose.

The annual float fly was discussed. There are still some problems to resolve with the park district. A couple of club representatives will continue to work on the situation.

Two other upcoming events, the fun fly/swap meet and the

fun scale, were discussed and task assignments were made.

The yearly problem of driving on the grass and the resulting nearly permanent ruts was discussed. Traffic control cones were suggested as a reminder to stay on preferred driveways.

Again, the frequency control issue for synthesizer xmitters was discussed. No action resulted.

Rules discussion:

Again, the presence children and pets on the field was discussed.

Since this is a safety issue member pet owners will be issued warnings and further action if the problem continues. It was also noted that Any Parent whose child is in a restricted areas should be reminded of the danger by any Club member immediately.

The guest rule was examined and left as is.

The hours for flying remains unchanged; 9 AM till 8 PM, except for quiet electric powered aircraft which have no time restriction.

The three pilots in the air rule remains unchanged.

Again, a reminder that, at the Club Flying Field, LiPo batteries cannot be left unattended while charging in the shed if not in an approved charging bunker.

Approved Taxiways leading to the runway will be identified by lime striping on the grass. This is intended to direct pilots to the ends of the runway. No aircraft can presently be taxied to the runway from the pit area legally.

The meeting was adjourned at 8:25 PM.



There's a new T-34 in town



Photos From The Swap Meet / Fun Fly



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the table on disk/belt sanders, drill presses, band saws, etc. You can use them to hold items to be glued or drilled exactly perpendicular to the work surface, such as drilling into the edge of sheeting, or holding ribs at 90 degrees to the table while your adhesive dries.

from Mark Kallio, Balsa Chips, Milford Connecticut

Installing Control Horns

Your airplane is done and covered and now we have to put holes into that perfect job you've done. That's not bad because the horn and base will cover them. But, now we have to take a small, fine-head Phillips screwdriver and struggle getting

those little self-tapping screws to bite on the back. It will happen, the driver slips off and a third hole is in your covering. Here is the tip and kind of input we can all use. Simply take a piece of cardboard, or plywood if you wish to make it permanent, trace the outline of your horn, trim it out, place over the horn and you have eliminated that possible third hole!

from John Neilson, the Sun Valley Fliers, Phoenix, Arizona

GLAD Press 'N Seal plastic wrap makes a great masking medium for spray painting. It is sticky on one side and will stick to itself, or the item you want to paint. It is much easier to work with than paper because it

clings to the surface without lifting the paint off when removed.

From Flightline, Casper Airmodelers Association, Casper, Wyoming

The Facts about Mosquitoes:

- Only female mosquitoes bite
- Not all kinds of mosquitoes bite humans, many feed on only animals
- Mosquitoes need water to breed. Almost anything that will hold water for one week can breed mosquitoes
- The mosquitoes that carry West Nile virus do not fly far from where they breed.

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