

July 2004 Edition

2004 Officers:

President:	August Bruno	(303) 828-0910	Secretary:	Russ Larsen	(303) 828-2872
Vice Presidents:	Terry Edwards	(303) 499-6463	Treasurer:	Ken Jochim	(303) 444-3206
	Rich Anderson	(303) 652-2224	Newsletter Editor:	Boris Sergeev	(303) 530-2063
					BSergeev@excite.com

CLUB MEETING: July 14, 2004 at 7pm
At the Flying Field

REMINDER

The last person to leave the flying field needs to ensure that the gate to the field is locked. The gate must be locked with the club's padlock locked through the city's lock in order to allow the city to have access to the field.

FIELD PARKING

There are parking spaces at the field marked and designated as handicap parking. We've been notified that if City Park Rangers see vehicles parked in those stalls without a proper handicap tag displayed they will start issuing violation tickets. **The fine for this type of ticket is \$125.00.** All members need to be aware that, if you park in a handicap stall without a tag and a ranger comes by, it could become *an expensive day of flying.*

BAS MEETING MINUTES

The following are the meeting minutes for BAS at the field on June 9.

Guests Robert Franklin, Neal Schmoker

Program Electrical Airplanes, by Neal Schmoker

Neal is from the RC Wheels and Wings on Hwy. 119, Vista Commercial Center. Neal showed and flew an electrical kit he is selling. It was an excellent flyer and with it he presented an introduction to Electric Airplanes.

Cost Kit- 40, Brushless Mtr 69, Speed control 79, Battery Pak-3 cell Lipoly 80, (Ni Cad would be about 40) Kit material is Depron plastic foam. You can order from the internet-- www.depron.com (editors note: that web site is in dutch.....)

To find out more info about Electric Airplanes go to--
www.ezonemag.com or www.rcuniverse.com

The program was very good and many questions were asked and answered.

Old business:

1. Field rules- No new info
2. Field Maintenance day remains Sat June 12

Misc:

Glenn Miller reported that 3M has a new contact cement for styrofoam - 3M part no: 60-70, available from Michael's, or Joan's 28th & Pearl.

Steve Croft brought 3 planes for show and tell:

- New low wing float plane, original design with enclosed motor and muffler.
- Scratch electric Luscome with 480 geared mtr.
- K&A models Grumman Mallard float plane ARF. with 2 Speed 400. This is a beautiful model and is scheduled to fly on 6-14, Weight is 42 Oz.

New model shop-- Steve Clark has a new model shop in Broomfield at 1300 w. Midway. ph 303-439-2640

W. Wickstrom, recorder.

ON THE HORIZON

Pluckrose Memorial 9th Annual Fly-In: June 19, 2004 at Mile Hi R/C club flying field in Aurora; details online: www.milehirc.com/Pluckrose_2004/Pluckrose2004.PDF

TeamTeke Silent Fun Fly: July 17...18, 2004 at Lost Creek Model Airpark, 12 miles North of Silverthorne, CO; details in March Newsletter or online at: www.home.earthlink.net/~rodbarron/TeamTeke

Dawn Patrol Giant Scale IMAA Fly-In: July 17, 2004 at Mile Hi R/C club flying field; details available online (note spaces inside "Dawn Patrol 2004"): www.milehirc.com/DawnPatrol2004/DawnPatrolInvitational2004.PDF

Scale Masters Regional Qualifier: July 24...25, 2004

FLYING FIELD HOURS

9:00am to dusk on weekdays
10:00am to dusk on weekends

CLASSIFIEDS

Curare 40 Pattern ship with retracts; OS 40 w/piped muffler. Servos still installed or can be removed.

Ken Jochim
303-444-3206



Previous classified ads can be found at the Club Classifieds page: www.milehighwings.com/club/classifieds

THE YELLOW PAGES

A listing of area merchants whose products are of interest to R/C enthusiasts; provided as a service to our members. Some will give you a discount with your current club card.

Action Hobbies, 1477 Carr, Lakewood, (303-233-6275), Glen A. Magree

Don's Hobbies, 815 10th Street, Greeley (970-353-3115) Tony Farro

Heliport Hobbies, 1400 W. 70th Street, Denver 303-430-8828, also Magnum Fuels

Hobby Giant, 5545-A, Olde Wadsworth, Arvada, 303-940-9238, Larry Cencich.

Hobby Town USA, 800 South Hover Rd. Longmont, (303-774-1557)

Hobby Town USA, 6815 W. 88th Ave., Westminster, (303-431-0482), James Miley

HSJM Hobbies, 1300 W. Midway, Broomfield, (303-439-2640). Steve Clark

Mile High Wings sales@milehighwings.com
The source of R/C Simulator interfaces and a new RC Plane Master simulator: www.milehighwings.com
BAS members get 10% discount

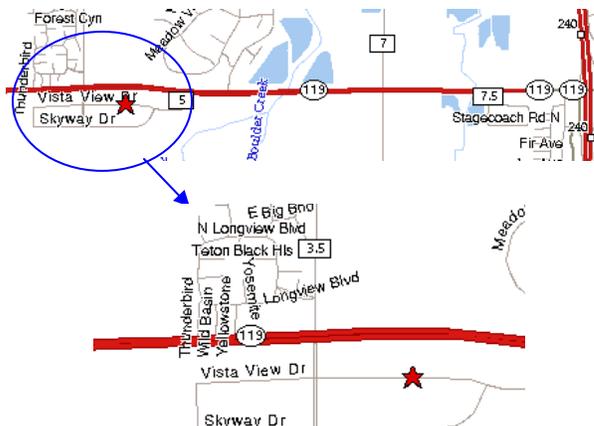
R/C Wheels & Wings, 1725 Vista View Dr, Suite B, Longmont (phone 303-776-2796; fax 303-776-2896), Neil Schmoker

Things with Wings, 6268 W. 10th #2 Greeley (970-352-1067) Jim Richardson

Note to members receiving newsletter by snail mail:

If you send the editor your email address, we can send you the newsletter by e-mail. This saves the club 37 cents each newsletter PLUS you get all the links clickable and all the pictures in color rather than black and white. And you get it a couple of days sooner.

Map to Neal Schmoker's new Hobby Shop:



Flyer/Map from Steve Clark's new Hobby Shop:



HSJM LTD.
Hobbies
Planes, Helicopters, RC Cars, Models,
1300 W Midway Broomfield CO.
303-439-2640
Fax 303-438-7016

RC Electric Park Flyers (Hobbyzone, GWS)
RC Aircraft (Nitro) (Hangar 9)
RC Helicopters & Parts (JR Venture 30)

DUBRO: Parts, Tools, Fuel line
Midwest: Balsa & Basswood
Covering: Ultracote
Radios: Aircraft & Helicopters (JR)
Fuel: Aircraft & Helicopters



HINGES: Installation tips

By FLOYD CARTER

from *Prop Spinner Chatter*
Eugene Prop Spinners
Mel Marcum, editor
Eugene OR

All of our models, except for pure Free Flight aircraft, require installing hinges on elevators, rudders, flaps, or ailerons. It's essential to hinge parts for free movement without binding.

A successful hinging job permits the control surface to flop up and down with its own weight while being hand held. The nylon hinges with steel pin pivot, such as Du-Bro, and Klett, are especially good. The trouble most installations have is all the hinge lines do not quite line up. This causes binding and difficulty.

I'll describe a technique to install a hinge without binding or friction. This technique uses the Dremel cut-off wheel #409 and its arbor.

Parts to be hinged should be flat. If tapering is indicated on these parts, put the hinge slots in before tapering. Use of tapered wing trailing edges also works with this method but is more difficult. If the wing trailing edge is a rectangular piece, cut the slots before building the wing.

Chuck the cut-off wheel in the drill press and adjust the table to cut a slot exactly in the center of the balsa pieces. Mark the hinge locations on both parts. Push the balsa parts into the cut-off wheel, keeping the part flush on the drill press table. Turn each part over and repeat. This will probably widen the slot a bit, but it will ensure the hinge line is exactly in the center of the part.

These nylon hinges require a relief notch in one of the parts to accommodate the pin hinge. A sanding tool can be made using a piece of 1/8-inch balsa, 3/4 x 2 inches. Glue a piece of 220-grit sandpaper to this and then glue the piece to another larger piece of balsa that acts as a sanding stop.

Using CyA to install hinges will only result in the adhesive getting into the hinge, making it impossible to get out. Titebond water-based glue is the best and will not jam the hinge line shut. Make sure that all the hinge lines are parallel with each other. Any dried Titebond in the hinge line can be picked out with a No. 11 X-Acto knife.

If you don't trust Titebond, then after everything is finished, drill a 1/8-inch hole through the balsa and hinge and glue in a wood pin made from a kitchen match. This wood is soft and easily sanded smooth with the surface of the balsa parts.

BALANCING: Tips for balancing a new airplane

from *The Cam Journal*
Central Arizona Modelers Inc.
Marvin Hinton, editor
Sedona AZ

Here's a neat idea for balancing your new airplane in "all directions at once."

A model airplane has one point of balance where the wing's center of gravity (CG) and the fuselage centerline intersect. That's where the secret lies, and here is how you can use that point to get a perfect balance for your new airplane.

When you build the wing, install a light plywood block at this intersection (your plans will show the recommended CG). For a high-wing model, the block should be installed on the top of the wing. On a low-wing model, the block should be installed on the bottom of the wing. Mark the center of the CG on the block and leave the wing uncovered so any unnecessary weight can be added for lateral balance.

When you are ready to balance, install a small screw eye into the block and hang the assembled airplane from the eye bolt. Fasten sufficient (use as little as possible) weight to the main spar of the wing to achieve lateral balance. Now, move the battery, receiver, or weight as required to attain proper balance, from front to back. This simple system will result in an accurately balanced model.

The Inverted Flyer is published monthly by the Boulder Aeromodeling Society as a service to its members. Submissions for publication are encouraged and can be but are not limited to: articles pertaining to Aeromodeling, letters to the editor, short news items of general interest to BAS members, and announcements. Space permitting, all submissions will be published except as follows: no anonymous letters or any submission containing morally objectionable content or language, as judged by the editor. Classified ads will be provided to the members of BAS free of charge. The deadline for all submissions and classified ads will be the first of the month for publication on or about the first Wednesday of the month. Opinions expressed in the Inverted Flyer are not necessarily those of the Boulder Aeromodeling Society general membership



Ken Jochim, Temporary Editor
3865 Norwood Court
Boulder, CO 80304