



## August 2003 Edition

### 2003 Officers:

President:	Terry Edwards	(303) 499-6463	Secretary:	Russ Larsen	(303) 828-2872
Vice Presidents:	August Bruno	(303) 828-0910	Newsletter Editor:	Boris Sergeev	(303) 530-2063
	Rich Anderson	(303) 652-2224	e-mail:	BSergeev@excite.com	
	Wendell Wickstrom	(303) 494-9324			
Treasurer:	Ken Jochim	(303) 444-3206			

CLUB MEETING: August 13 at 7pm at the Flying Field

Don't forget: on **August 23** we'll have **Picnic & Sport Fly** event.

Flying starts at 10am. All members, family and friends are invited. Some **super prizes** will be awarded!

### 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.

Any maintenance work at the field must be coordinated and approved by club officers and Boulder City staff. All maintenance work to be done at the field must first be coordinated with club vice president Rich Anderson (303) 652-2224. Rich will coordinate requested projects with club officers and Matt Claussen with the Boulder City Parks and Recreation Department, and if the project is approved dates will be established for the work to be done.

### BAS MEETING MINUTES

July 9, 2003

The meeting was called to order by Vice President Wendell Wickstrom at Chandler field at 6:30PM. The meeting was preceded by our first Fried Chicken Picnic and Sport Fly event.

Wendell welcomed new member Austin Hurst and guest Gary Pickens.

#### **Minutes**

The minutes of the June 11<sup>th</sup> meeting were approved.

#### **Treasurers Report**

Ken Jochim reported that we currently have 92 members and a Treasury of \$5,699. (*August Bruno, if I remember right,*

*tried to donate \$1 to the Club's treasury, but his noble offer was declined by the Treasurer. ☺*)

#### **Old Business**

The painting of the hangar has been completed by Mike Farnsworth. The building really looks great. Thanks Mike. A cleanup day has been scheduled for Saturday, July 19th at 8AM. We will be filling some cracks in the runway, mowing, and weed control. This should be the final work day for 2003.

The August 23rd Fun Fly/picnic is in the final planning stages. The start has been scheduled for 10AM. All members, family and friends are invited to share in some laid back flying with lunch being furnished by the Club. In addition a special door prize will be awarded. Rich Anderson, Ken Joachim, Gary Pickens and Augie Bruno have volunteered but plenty of help is still needed. Final discussion will take place at the August meeting.

#### **New Business**

Twenty members and guests attended the meeting and fried chicken festival. Many thanks to Wendell for coming up with the idea and single-handedly supplying the food. Great job!!! Just about everyone got in a few flights between 4 and 6PM and some neat aircraft were on display. A working ornithopter put on quite a show even attracting a few local birds! Boris Sergeev demonstrated an electric motor setup he had just completed to go along with his newfound interest in electrics. This proved to be prophetic as he won the door prize—a Hangar 9 EP ARF Aspire glider complete with motor, radio, and charger. Check your catalogues folks... this was a top notch prize! And don't forget that another door prize will be awarded on August 23<sup>rd</sup> (*Ken said that there will be a couple of prizes and they'll be even better than this one*).

The next Club meeting will be held on Wednesday, August 13th at the field. Come out early and let's enjoy some flying.

The meeting was adjourned at 7:10.

Respectfully submitted,  
August Bruno

## A Sure Guide To Determining A Modeler's Skill Level

By JEF RASKIN

After a while in this hobby, you can walk up to someone, look at his or her model or workshop, and immediately put the person into one of four classes: Novice, Builder, Expert, or Master. Here are a few tips so you can tell one from another.

**1. Take a good look at the control horns.** If you weren't reading this guide, you might think to look at how they are positioned and attached, but here's the real secret.

*Novice:* They still have the little bumps where they used to be attached to the plastic runner.

*Builder:* The little bumps have been neatly cut off.

*Expert:* The horns are scratch-built from aircraft plywood, sanded, and varnished.

*Master:* The horns are handmade from polished T2024 aircraft aluminum and carbon fiber, coated for corrosion protection with the metal parts anodized to match the finish of the aircraft. Did I mention the stainless steel ball joints?

**2. Covering quality is a dead giveaway.**

*Novice:* It looks like the entire Belgian Army has slept on it for a week.

*Builder:* It looks like it has been slept on by a cat for one night.

*Expert:* It is as crisp as a freshly made bed.

*Master:* It looks as taut as a bed made up by a drill sergeant at boot camp.

**3. Study the trailing edges of the wing.**

*Novice:* Square and over 1/8-inch thick

*Builder:* Nicely rounded

*Expert:* Feather edge

*Master:* Uses the trailing edge to shave

**4. How well are the uncovered wood parts finished?**

*Novice:* Raw wood

*Builder:* Sanded and painted

*Expert:* Sanding sealer, five coats of urethane paint, and each coat was wet-sanded, followed by rubbing compound and a fine European hard wax

*Master:* Impossible to tell how it's done because it looks like one piece of polished granite; wear sunglasses

**5. On many models, it is possible to see the framework. Look carefully.**

*Novice:* Hard to tell that it's an airplane

*Builder:* Reasonably straight and true

*Expert:* Joints have no gaps, no warps, corners, gusseted, looks like it was carved from a solid piece of wood with the grain always going in the strongest direction

*Master:* It was carved from a solid piece of wood with the grain always going in the strongest direction.

**6. What aircraft do they choose to model?**

*Novice:* Piper Cubs

*Builder:* WW II fighters

*Expert:* Anything with elaborate detail or impossible surface finish and markings, scale operating engines, retracts, and working instruments; windshield wipers start automatically when it rains

*Master:* Piper Cubs

**7. What glues did they use?**

*Novice:* Mucilage

*Builder:* CyA, epoxy

*Expert:* CyA in three viscosities, aliphatic resins, four different epoxies, contact glues, special canopy cement, and has a friend in the adhesives industry

*Master:* Parts interlock so well that no glue is needed

**8. Find out what shop equipment they use.**

*Novice:* One old hobby knife

*Builder:* Hobby knife, supply of fresh blades, handheld electric tools, box full of small tools

*Expert:* 2,000 square-foot shop with drill press, lathe, milling machine, table saw, router, vacuum-forming machine, foam cutter (all computer-controlled), rolling tool chest with larger tools, and a magnificent walnut machinist's tool chest with expensive precision tools

*Master:* One old hobby knife and a sharpening stone

**9. Aerodynamic knowledge**

*Novice:* Totally mystified since sixth grade

*Builder:* Has read one book on the topic and has forgotten it

*Expert:* Runs simulations on computers that make NASA jealous, solves differential equations mentally, and can give name, date of publication, and the author of every theoretical work since 1892

*Master:* If it looks right, it is right.

## 10. Radio system choice

**Novice:** Two-channel radio with elevator on left stick

**Builder:** Four-channel radio with two sticks

**Expert:** 17-channel radio made in Germany with an unpronounceable name and more levers and switches than the cockpit of a 747

**Master:** Free flight

## 11. How they fly their airplanes

**Novice:** Crashes on takeoff

**Builder:** Crashes on downwind turns

**Expert:** Only crashes when it's someone else's fault

**Master:** Knows better than to fly them

from *The Clanking Armor*  
Lincoln Sky Knights R/C Club  
Dave Brazee, editor  
Lincoln NE

*(After I read this piece to my wife, who is an Expert Wife of a Novice Modeler, she laughed so hard that I got scared for her state of mind. ☺)*

## CLASSIFIEDS

There were no new ads submitted this month.  
Previous classified ads can be found at the Club Classifieds page: [www.milehighwings.com/club/classifieds](http://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.

**Boulder Hobbies**, 2125 32nd Street, Boulder (303-442-8669), Phil Battany

**Mile High Wings** sales@milehighwings.com The source of R/C Simulator interfaces: www.milehighwings.com BAS members get 10% discount

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

**Hobby Town**, 800 South Hover Rd. Longmont, (303-774-1557) Jim Koln

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

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

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

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

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

## FLYING FIELD HOURS

9:00am to dusk on weekdays

10:00am to dusk on weekends

## INSTRUCTORS LISTING

Call if you need help getting started:

Steve Croft (303) 651-9104

Tony Kilwein (303) 438-8500

Wendell Wickstrom (303) 494-9324

## ON THE HORIZON

**Love-Air Big Bird Meet:** August 16...17, 2003  
Fort Collins area (Ault)

**Next Club Meeting:** August 23, 2003  
Picnic/Fun-Fly

**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.***

*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.*



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