

Skymasters R/C Club Newsletter - May 1997 See Skymasters on the Web at www.geocities.com/CapeCanaveral/Lab/4031

President 's Message

Spring is finally here... The field has been rolled and mowed for the first time, and many have been out flying already enjoying the few nice days we have had.

Bald Mountain Involvement Day was on Saturday, April 19. Thanks once again to Steve Fredericks for coordinating this event and to everyone that pitched in to help out for the day! We had over 40 Skymasters out working for this important event. Steve will be providing more details on this event, and those who participated. I was unable to attend this year. We had an out of town family wedding to attend.

We also completed a Cub Scout build session for 46 cub scouts at Stadium Elementary School in Lake Orion. Thanks to Ron Greening, Otto Gutgsell, Bud Howard, Chris Knee, Carl Long, Graham Overton, Kevin Phillips, Harold Reuter, K.C. Satchell, Gary Weaks, and Wade Wiley for helping out. Everyone (scouts, parents, and Skymasters) had a great time. All the planes flew! Wade Wiley and Carl Long both captured the event on video.

Our flying events for the year start out this month with two Float Flys - The Chet Brady Memorial Float Fly at Seven Lakes State Park on Saturday May 17, and the Bald Mountain Float Fly on Sunday May 18 at Lower Trout Lake in Bald Mountain State Park. Thanks to *Chet Brady* and *Carl Long* for coordinating these events. May the temperature be warm, and the winds light. Don't forget that our Scripps Road field is closed during the Bald Mountain Float Fly.

Its almost time for our Student Night / Pot Luck Dinners to start. The first this year will be Wednesday June 4! For those of you new to the club, we set aside Wednesday evenings as Student Nights. We make sure instructors are available, and students have priority for flying (others are welcome as space permits...) We also light the grill, and those interested bring something to grill and a dish to pass, and you will not leave hungry! Come on out and join us - rain or shine - 'we always eat and sometimes fly!' Our summer meetings also start in June. The first being Saturday, June 7 at 12:00 noon at the Scripps Road field.

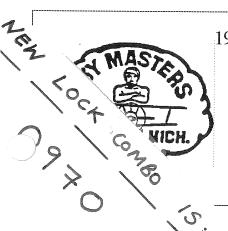
We are continuing to review one section of the survey results at each Board of Directors meeting. This month we discussed the Flying Field comments. Some of our thoughts are included elsewhere in this newsletter to allow for more detail than I can fit here... Please feel free to contact me if I do not mention a item of concern to you. We are continuing to evaluate all of the input received.

Skymasters now has a home on the World Wide Web! Thanks to Pete Foss for obtaining and building the site, and Ron Thuringer for his ideas and input. Our address is: (www.)

geocities.com/CapeCanaveral/Lab/4031 Note the address also appears on the newsletter masthead for future reference. Please provide any suggestions or comments. The site currently contains information about our events, meetings, map to the field, history of the club, portions of the newsletter, and links to other sites including Bald Mountain and the AMA. Surf on over and take a look.

For those of you that were not at our April meetings, Bill Stark announced that he will be retiring effective June 1. Bill has been a great supporter of our club over the years, and has been a large part of the strong relationship we have today with the DNR. Best of luck in your future endeavors Bill!

Happy Landings, Greg Cardillo GMCardillo@Juno.com



1997 Club Officers

President: Greg Cardillo 2086 Cedar Key Ct, Lake Orion 810-391-6803 Vice President: Carl Long 47278 Jeffery, Utica 810-254-0048 Secretary: Paul Shurtliff 1915 North Lake Drive, Troy 810-689-3489 Treasurer: K.C. Satchell 821 River Valley Dr, Lake Orion 810-693-8213 Editor: Gary Walling 3403 Nichols Dr, Auburn Hills 810-299-4654

Articles must be received by the 20th for next issue.

Articles may be reproduced from Skywriter.

Want More Power with Less Noise

Be at the May 28th meeting for a presentation by Innoventive Tech.!

Gary Cornwell of Innoventive Technologies will present their new constant velocity expansion chamber "muffler/tuned pipe." Gary and his company have dyno tested what they call the CVEC Power System and have measured 600 to 1,000 gains in rpm with significant increases in torque through the mid range and lower Db. levels on sound.

This is a subject of great importance to all of us. Plan now to be there and also encourage your flying buddies to

Last meeting of the season at Larson Middle School

May 28th <<>> 7:30pm

Steve Fredericks had sign up sheets for the 4/19/97 Bald Mountain Involvement Day.

look for the address on the cover of The Skymasters have a web site, Skywriter.

This is a good way of advertising the It was suggested that we place our old magazines in doctors offices.

Field grass cutting - We are looking for someone to cut the grass. Let us know if you know someone who might be interested.

Cobra which was powered by rdillo - Greg showed us his a Super Tiger 61

NEW BUSINESS

Bill Stark is retiring on June 1, 1997

K.C. stated that we have 125 members.

booth at the Toledo show. He stated Float Fly, were handed out. He said Darrell spoke about the Skymasters that he received positive responses advertised our Midwest Regional that 2000 brochures, which form the show attendees.

Treasurer's report gave a balance of

in cash and checks, \$8,505.73 in the \$140.00 in gift certificates, \$105.00 bank for a total of \$8,750.73.

Phil Martin

VISITORS

Earl Star

PRESENTATION

showing the melting points of solder and They mentioned and provided a handout the shear strengths of solder joints. This Ralph Schwan and Randy MacInnes did should be used (torches, solders, fluxes). gave us some insight as to what type of prought in different types of equipment where. (Thank you gentlemen for an and explained when and where they solder and torches to use when and a presentation on soldering. They informative presentation.)

SHOW and TELL

Coverite and weighed in at 8 lbs. (Chet Dancer which was powered by a Saito 80 4 stroke. It was covered in Super Chet Brady - Chet displayed a Sea won the gift certificate).

Racer that he had purchased at the

Foledo. It was scratch built from RCM process of adding his finishing touches sowered by a Fox 50. Matt was in the planes, had a 58" wing span and was Matt Rowan - Matt displayed a B2

the article about the 28-May-I ٥٠ with mufflers ideas meeting Some 1997 Need

April 9, 1997 Meeting at Larson School

Meeting minutes from the March 26,

1997, meeting were read and

accepted.

seting at Larson

March 26, 199

Meeting minutes from the March 12,

1997, meeting were read and accepted.

\$30.00 in gift certificates, \$8,640.00 Treasurer's report gave a balance of in the bank for a total of \$8,670.56.

Tony Riera

VISITORS

Gary

scale Kit Fox, which he is building from scratch. It will be powered by an OS **Bud Howard** - Bud displayed a 1/6 SHOW and TELL vankel. Ron Sokacz - Ron showed us his Great size 4 stroke and weighed in at 4.5 lbs. Planes Big Stick 20, powered by a 50

NEW BUSINESS

Hobbies, past away. The club sent Bob Henderson, of Henderson

Steve Mandilari is the proud father of a new baby boy.

the group the AMA Safety Code and Pete Foss and Greg Cardillo read to our Club Rules.

needed to help with the many tasks. Bald Mountain involvement day April 19, 1997. Volunteers are

Fredericks house. The Raven will be There have been two build sesions on the Global Raven, at Steve Darrell Watts.

Regional Float Fly. (Thank you

Steve for your Hospitality!)

the Raffle Prize at our Midwest

booth at the Toledo show. Contact

We need volunteers to work our

Survey Feedback

There were many comments received on the survey regarding ir flying site. Many were positive, and there were several good suggestions made. Thank you again to all who contributed by responding to the survey. Over half of the people responding fly once a week or more (at least in the summer).

I would like to address the suggestions for improvements or changes here. It was great to see the many things members like about the field!

The first topic is field maintenance. We are always looking to improve the condition of our field. The field has been rolled already this season. Our mower from last season contacted us, and will again be cutting the grass for us. The grass will most likely be cut on Wednesday mornings (weather permitting of course), and additional times as needed. Each cutting will include the runway area. The pits and parking area will be cut every other cutting, alternating between the two.

There was a request to add side curtains to the shelter. We assume this refers primarily to student night and events (what other times are we out there in the rain???). Carl Long has offered to carry the side curtains we have and hang them as needed at student night and our events. We will be adding tyme new hooks to make this an easier task.

They do not have to be processed in any

will process orders as they are received.

Club Jackets

There are a couple of items we would like to defer for now. These include extending the shelter, increasing the width, and a hard surface runway. We would like to concentrate on obtaining a second flying field first. At that time, depending on the site found, we can select the appropriate flying site for some of these items. Anyone with information on a possible location for another field, please contact a member of the board.

There are some items that do not appear possible at our current field. Both a separate facility for helicopters and a north south runway require flying south of the current flight line. This cannot be accommodated within our use permit restrictions. Tree removal (though many of us have that 'favorite' tree we would like to remove) is also not possible in the park.

There were some items in this section that did not refer to the field itself, but to our use of the field and field rules. Those will be addressed when we review the general comments later.

Thanks again for your comments - any additional feedback is welcome - give me a call.

*(Jackets size XXL is \$3.00extra & XXXL is \$5.50extra. Larger sizes available [up to 10X] at additional cost.)

If you want your first name on the chest, carefully print in the boxes below.

; L ; M ; S ; Children's Size:XL ; L

F-SHIRTS or GOLF SHIRTS—available in medium blue or white. (Specify color when ordering) ruit of the Loom "best" 50%cotton/50%polyester T-shirt with chest logo - \$14,00(monogram on sleeve)

\$25.00

\$12.00

\$30.00

'OXFORD" (Childrens size)

Outer Banks II golf shirt with chest logo (monogram on sleeve if desired) - \$25.00

>>>SIZE - Adult Size: XXXL___*; XXL__

Example: | D | A | R | R | E | L | L

Greg

looks like the same material as our current jackets has snap front and blue with white stripe knit cuffs, collar and The jacket referred to as "Oxford" is the same color as the satin but the finish of the material is more We have assumed that you would want either the small logo on the chest or the large logo on the back, if you wanted both, add the Monogram -- There is no charge if you want your first name embroidered on the chest of the jacket or on the If you cannot make any of thes like an oxford cloth dress shirt. The one referred to as the "Sport" is the same color of blue but has a zipper times and would like to see the samples call Darrell (810-373-8777) and make arrangements to see them at To calculate the price of your jacket take the price of the jacket plus the price of the logo. 22nd meeting, the June 2nd meeting (at the field) and June 9th Kids Day event. covers the zipper is red on the inside. sleeve of the T-shirt or golf shirt. \$50.00 \$32.00 price for both "SPORT"

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Page: 4, May 1997

Dear Sirs:

March 8, 1997

My monthly Skywriter just arrived and again I am thankful for the job the officers do. This issue features material compiled by our President, Greg Cardillo and I must guess, at great expense and time on his part.

I wish to respond to the comments on the survey regarding field safety and the removal of "dogs" from the sight.

- 1. They are not dogs, they should out of respect, be referred to as Canine Americans.
- 2. We fly at a state park. Canine Americans are allowed on state park property just as Feline Americans, Bovine Americans and even Equine Americans. Specific rules do apply to the access of the park to Canine Americans such as leash and Canine American Excrement removal and sanitation. Besides, maybe they were just doing their part to fill in those holes that catch your wheels. I would rather see children removed from the sight since two in particular are always in my way.
- 3. We do have a limit to the number of planes that fly at one time and the pattern is enforced quite regularly. Please refer to page 6, column 2, line11, "flying the pattern". You two should get together, literally.
- 4. I resent the comment about my plane being a crazy hodge podge. It is very clearly an "Ugly Bob".
- 5. Our membership is swell. My first day at the field, I lost a prop, spinner and prop nut in one shot and all were in my "Ugly Box" except for the nut (he was on the outside as usual). Some guy from South Africa who likes Canine Americans didn't even hesitate to help me out. What swellness. We are awash in swellness. I've been to other fields too and you don't know how swell we have it.
- Mr. Cardillo and the rest of the folks do a good job. Remember, these folks aren't paid, they do it out of the kindness of their hearts and sometimes their pockets.

Kevin E. Phillips

(still Past President)

So you think you want to be an instructor!!!

It?s a dirty job but somebody?s got to do it. Seriously, it?s really a fun and rewarding way to give something back to the club. If you are interested in becoming a flight instructor for the club, please give me a call, drop me a line or email me (pfoss@notes.gmr.com). If you are a current instructor, please let me know also so I don?t leave you off the list. I?m getting ready to publish the list shortly, please, please, lease contact me before I put it out. Also, let me know if you need a instructor?s hat (assuming I can get them away from Graham <grin>).

Pete Foss Chief Flight Instructor 810 652-8756 (home) 810 986-1213 (work)

Selfridge Air National Guard Base Air museum open Sundays

The Selfridge Air Museum will open Sunday for the 1997 season and remain open each Sunday through Oct. 26.

Hours are 1-5 p.m., and the first 50 visitors Sunday will get mementos. During the afternoon, drawings will be held for \$25 gift certificates for the museum gift shop.

Visitors can see 23 aircraft displayed outside the museum and military memorabilia and artifacts inside.

There's no charge to visit, but the museum suggests a \$1 donation for adults, 50 cents for children. The museum is just east of I-94 at the Selfridge exit near Mt. Clemens.

For more information, call 1-810-307-5035 anytime. *By Jeanne May*

Page: 5, May 1997

In June, 97 Modeler

7th Annual

Skymasters Mid-west Regional Float Fly

September 13-14, Island Lake State Park, Brighton, Michigan

"The best float flying site I've ever seen!"

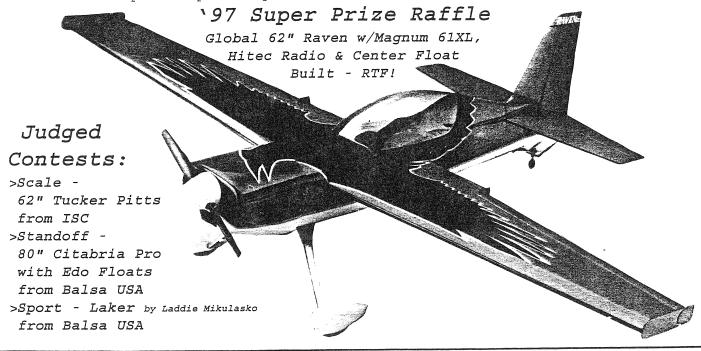
----Dave Brown, President, AMA

*40 acre clear lake *1,000' sand beach *6 acre lawn with picnic tables

>>> Always a great Float Fly and now an even bigger "Social Event!" <<< Saturday's flying will be topped off with a great western style cookout at the flying site. A delicious grilled chicken dinner with all of the fixin's, including dessert! We'll even have a big tent in case it decides to sprinkle on us.

This is a "fly for fun" event with all kinds of airplanes, from stick trainers, to electric Cubs, to performance models, to 12 foot span, twin engine scale jobs. Running concurrent with the fun flying are three "judged" events, one for sport planes, one for stand way off and squint scale and one for scale planes. (See the rules on the reverse side of this flyer.)

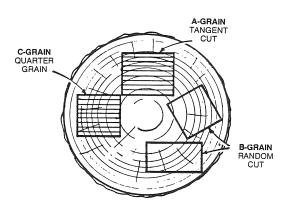
Along with the fun flying there are great pilot "door prizes"! In '96 we had a JR, Futaba and Airtronics radios, several airplane kits, some float kits, engines and more. We expect comparable prizes for `97!



OFFICIAL ENTRY FORM								
Name:	AMA#	CLUB						
STREET	CITY	STATEZIP						
PRIMARY AIRCRAFT: Model	Mfg	Freq/Ch#						
Phone: (day)	_(evening)							
Help us plan: "Judged" contests? Sport; Standoff; Scale **Send \$5 each								
ENTRY FEE(non-refundable unless event is canceled) \$10 if postmarked by 8/31/96: \$20 after 8/31/96								
Cookout Reservation: adults @\$9;children @\$4. Incl.with entry fee								
Mail to: Skymasters, % Darrell Watts, 124 Rose Brier, Rochester Hills, Mi. 48309								

BALSA GRAIN ID. CHART - LEARN HOW TO IDENTIFY ALL THREE GRAIN TYPES

In selecting balsa sheets for use in your model, it is important to conr the way the grain runs through the sheet as well as the weight e sheet. The grain direction actually controls the rigidity or flexibility of a balsa sheet more than the density does. For example, if the sheet is cut from the log so that the tree's annular rings run across the thickness of the sheet (A-grain, tangent cut), then the sheet will be fairly flexible edge to edge. In fact, after soaking in water some tangent cut sheets can be completely rolled into a tube shape without splitting. If on the other hand the sheet is cut with the annular rings running through the thickness of the sheet (C-grain, quarter grain), the sheet will be very rigid edge to edge and cannot be bent without splitting. When the grain direction is less clearly defined (B-grain, random cut), the sheet will have intermediate properties between A and C grain. Naturally, B-grain is the most common and is suitable for most jobs. The point to bear in mind is that whenever you come across pure A-grain or C-grain sheets, learn where to use them to take best advantage of their special characteristics. The following chart illustrates the 3 basic grain types for sheet balsa and lists the most appropriate uses for each.



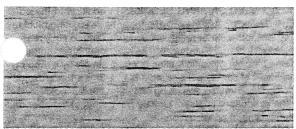
CROSS-SECTION OF BALSA LOG



A-GRAIN sheet balsa has long fibers that show up as long grain lines. It is very flexible across the sheet and bends around curves easily. Also warps easily. Sometimes called "tangent cut".

DO: Use for sheet covering rounded fuselages and wing leading edges, planking fuselages, forming tubes, strong flexible spars, HL glider fuselages.

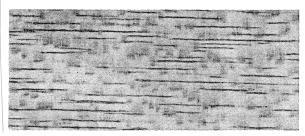
DON'T: Use for sheet balsa wings or tail surfaces, flat fuselage sides, ribs, or formers.



B-GRAIN sheet balsa has some of the qualilities of both type A and type C. Grain lines are shorter than type A, and it feels stiffer across the sheet. It is a general purpose sheet and can be used for many jobs. Sometimes called "random cut".

DO: Use for flat fuselage sides, trailing edges, wing ribs, formers, planking gradual curves, wing leading edge sheeting.

DON'T: Use where type A or type C will do a significantly better job.



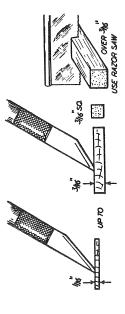
C-GRAIN sheet balsa has a beautiful mottled appearance, it is very stiff across the sheet and splits easily. But when used properly, it helps to build the lightest, strongest models. Most warp resistant type. Sometimes called "quarter grain".

DO: Use for sheet balsa wings and tails, flat fuselage sides, wing ribs, formers, trailing edges. Best type for HL glider wings and tails.

DON'T: Use for curved planking, rounded fuselages, round tubes, HL glider fuselages, or wing spars.

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LSA	si the
BA	veic

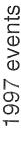
A kniie or razor blade will work well for cutting balsa sheets and sticks up to 3/16" thick. Use a razor saw for sizes over thicker than 3/16". Always keep replacement blades on hand — blades do wear out and a dull blade can make it impossible to do a good job.

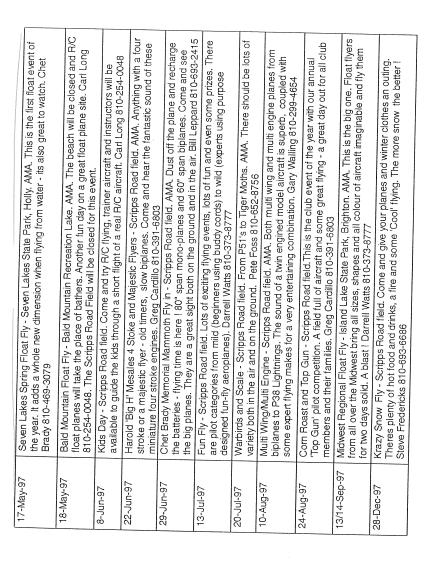


GENERAL CUTTING GUIDELINES

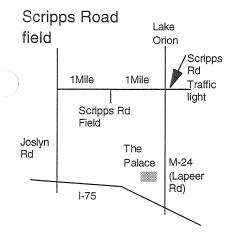
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S	MPONG/	KWIE WILL CRUSH	BLADE WILL RUN OFF LINE	TEAR OR SPLIT	BLADE RUNS INSDE OUTLINE	DGE WILL TEAR	MILL NOT CUT SOURCE
GENERAL CUTTING GUIDELINES	TYPE OF CUTTING	CUTTING STICKS USE SHARP KNIFE OR RAZOR BLADE TO CHOP OFF SMALL SIZES - USE RAZOR SAW FOR LARGER SIZES.	STRAIGHT CUTS WITH THE GRAIN USE METAL RULER AS A GUIDE — CUT IN DIRECTION THAT GRAIN PULLS BLADE AGAINST STRAIGHTEDGE	STRAIGHT CUTS IN THICK SHEETS USE A RAZOR SAW — ALWAYS MAKE EDGE TO EDGE CUTS ACROSS THE FLAT SHEET	CUTTING FREEHAND CURVES CUT IN DIRECTION WHERE GRAIN WILL PULL BLAGE AWAY FROM SHAPE — CLEAN UP LATER AS NECESSARY WITH KNIFE AND SANDPAPER BLOCK	CROSS GRAIN KNIFE CUTS ALWAYS CUT FROM EDGE TOWARDS CENTER — NEVER OUTWARDS TO AN EDGE	FOR CUTTING BLOCKS USE A STIFF BACK SAW AS FAR AS POSSIBLE — CUT IN FROM BOTH SIDES
3	AIGHT!						

Skymasters R/C Club





Event flying starts at 10AM. Noise limit - 95Db at ten feet - no exceptions.



Skymasters information

Skymasters (AMA club # 970) field is located within the Bald Mountain State park (see the map). State park stickers are required and can be obtained from the Park Station located on Greenshield road which is couple of miles south of Scripps road on M-24. Flying is permitted from 10AM to 8PM. The noise limit for 1997 is 95Db at 10' and this noise rule is strictly enforced.

Students are encouraged at any time and co-ordination with a flight instructor may be advisable during week days. During the summer months Wednesday evenings is student night and there are usually instructors around all afternoon. Student night is also 'pot-luck' buffet night so that you can fly-n-feed (though not usually at the same time). Chief Flight Instructor: Pete Foss 810-652-8756, Assistant Chief Flight Instructor: Graham Overton 810-628-1651.

Larson Middle School School Winter meetings Laguage (18 Mile)

From June to August Club meetings are held at the field on the first Saturday of the month at 12 noon - a great chance to fly and gossip too! Winter meetings are held at Larson Middle School (on Long Lake just east of John R - see map) on the second and fourth Wednesday of the month and they start at 7:30PM. Show and tell, coffee and donuts, and model-speak are the order of the evening. Come along - they are fun.

The Skywriter newsletter is sent to all members, local hobby shops and other local R/C clubs. Any and all contributions are welcomed, please pass any articles to the Editor. If you know of anyone who may be interested in our hobby (friend, relative, neighbour, colleague or acquaintance) - why not give them a copy of this newsletter or a copy of an AMA magazine.



Skymasters

Radio Control Club of Michigan

G Walling 3403 Nichols Drive Auburn Hills MI 48326