

TOSS -- UP



NEWSLETTER

MAY 1992

844 CHARLES STREET,

MOORPARK, CA. 93021

A.M.A. CHARTERED CLUB # 1943

EDITOR: BOB SWET 2600 PONDEROSA DRIVE, #15 CAMARILLO, CA. 93010

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CLUB WINCHES:

Thomas Akers	(805) 496 - 6655
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NEXT CLUB CONTEST:

Date	Saturday, JUNE 13, 1992
Place	Paramount Ranch, Agoura
Time	9:00 a.m.
C/D	Thomas Akers

NEXT CLUB MEETING:

Date	MAY 26th, 1992
Day	TUESDAY
Place	Cameron House
Time	7:30 p.m.

TOSS MEETING NOTES FOR APRIL 1992

- 1) The meeting was called to order at 7:48 with seven members present.
- 2) OLD BUSINESS, we need helpers for our DELTA DART CONTEST, and for the CROSS-COUNTRY CONTEST, the club's 1991 taxes have been filed.
- 3) NEW BUSINESS, Mike Leal is putting together a new TOSS info pack to go into local hobby stores that will explain the ins and outs about our club.
- 4) The May & June meetings will be held on the last Tuesday of the month.
- 5) ALL MEMBERS please read flying site rules for both PARAMOUNT RANCH and REDWOOD SCHOOL. Mike and Thomas kicked a power flyer out of PARAMOUNT RANCH, lets keep an eye out for these types!!!!
- 6) No one from TOSS placed at this months SC2 contest. It was windy and around 100 degrees. Mike Regan made a suggestion that TOSS sponser some of our members to try and break some world records, sounds like a good idea to me, but, we would like to know how the rest of you feel, in order to know what you guys think WE NEED YOU TO COME TO THE MEETINGS! The meetings are a lot more fun when more of you show up, LETS TRY A LITTLE HARDER TO ATTEND.
- 7) The meeting was adjourned at 8:45 pm.....

REMEMBER, ITS NEVER TOO WINDY TO FLY SOMEONE ELSE'S PLANE!!!!

Larry J.

TREASURER'S REPORT

We have about \$775 to our name. With some unreported expenses this would bring our balance down to approximately \$725 dollars. The club is currently experiencing a negative cash flow due to Newsletter expenses and trophy expenses versus income from our monthly contests and new memberships.

WE NEED VOLUNTEERS

- 1) **May 30:** we are looking for at least 10 volunteers to help teach children how to build Delta Darts at Paramount Ranch. Duties will also include officiating the fly-off contests. We also need a couple of people to work with our local hobby stores to collect donations. Call Bob Swet or Mike Leal.
- 2) Every month - we need volunteers to write articles for this newsletter.

MAY CLUB CONTEST

For the May monthly club contest, I decided to try a new theme that should have worked for new and old fliers. The contest should represent those skills developed when we learned to fly in a small school field using a high start. The idea was simple, use a heavy duty high start, scoring was to be based on where the high start's "parachute" landed, flight time, and in/out landings in various shaped 10 foot zones. Launches were scored using the standard 25 foot/100 point landing tape and 150+ foot long plastic tape to measure from.

Luckily, there was a nice breeze and everyone got good launches except the heaviest of falcon derivatives. In fact, most fliers did not use the maximum pull for the launches. Almost all contestants maxed the time at least once. Only three scored points on launches or landings.

So what does all this mean? Did we forget the "Basic Skills" when we started to purchase our expensive aircrafts?

Congratulations to Jim Geohagan, who was coerced into flying his first glider contest and places first in Sportsman and second in 2-Meter.

-= Bob =-

TAFT INTERNATIONAL NIGHT-FLY

The TAFT international night-fly was well represented by TOSS with Bob Swet taking first place and Larry Jimenez placing second. The contest started at 9:00 pm and after five rounds of stiff competition, Bob came out on top with Larry in second place only seconds behind him. The contest ended at 11:30 pm. All the entrants agreed that this

was the finest night-fly that anyone had attended. I would like to thank all of the helpers from TAFT and club member Frank Luera for supplying us with the chem-sticks. I will try to hold a club nite-fly in June..... Larry J.

WHAT'S NEW

1) The Taft X-Country contest went fairly well. Contestants enjoyed some good weather and some fantastic lift. Joe Wurts beat everyone around the 20 mile course (as usual), finishing first with the fastest time of 34 minutes. A significant number of planes were lost due to the high speeds and excellent lift. More to follow from Myles Moran.

2) We tried using heavy monofilament line on one of our retrievers as an experiment suggested by Don Northern. It was thought that due to the line's natural resistance to twisting, the swivels would work better and the line would not knot up so much.

For the first few launches, things worked great. Then after 15 or so retrieves, severe knotting started occurring near or at the retriever when the line was fully pulled out. It was soon thereafter that it was decided the usual line we use, may not work well, but it did work better than the monofilament. THANKS for the use of the line Don. See Edgar Weisman if you want your knots back.

3) I explored an area of the Santa Monica Mountains Recreational Area for some new slope sights. Coming from the west along Route 1, up Deer Creek Road, then east on Cotharin Road to Circle-X ranch, and then back down Yerba Buena Road to Route 1.

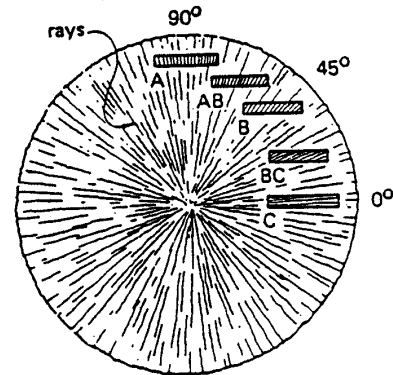
The only sight that appeared to be usable was up Deer Creek Road, approximately 1 mile off Route 1. The slope rises 500 feet directly above the ocean and faces west to south east. Flyable in winds from the southwest to southeast. Point Mugu shields the slope from winds from the west. There is parking for several cars and an area for landing. The land appears to be principally used for a night time overlook. Problems -road is just below the landing/ take off area. Property owner is unknown. - = Bob = -

FOR SALE

Bob Martin Talon slope plane, new in box, will trade for used S-133 servo or best offer call James Cowley (805)-568-0077.

Silver Basics— Wood Grain

Grain determines the stiffness or flexibility that a sheet of balsa will have. The job that each piece of wood in your model is required to perform necessitates your paying attention to the grain of every piece of wood you select. Lighter models can be stronger models, if proper grain is used, than heavier models if the incorrect grain is chosen.



Over the years we have come to describe three main types of grain as 'A', 'B', or 'C'. The illustration above is from Ron Williams' book, *Building and Flying Indoor Model Airplanes* and shows the typical cuts.

Quoting Ron, " 'A' grain is very flexible both across the grain and along its length. It is used where sharp curves are required as in spars and outlines. 'B' grain is stiffer than 'A' grain and usually remains straight and true. It is usually used for straight spars, sometimes for ribs. 'C' grain is very stiff in both directions and is excellent for ribs and for rolling body tubes (which have to support the compressive forces of the fully-wound motor) and tail cones. It is not suitable for spars. Combinations known as 'AB' and 'BC' grains have their uses as alternates to 'A' or 'C' grains respectively."

Note that in the illustration the medullary rays, which radiate from the center, are shown. These rays are very predominant in balsa, while the annual rings are barely visible. Other, harder woods are usually characterized by their annual rings.

The balsa wood in kits very often is not carefully selected; there are only a few companies, usually the smaller ones, that pay attention to the weight and grain of the wood included in their kits. Even with these considerate companies there will sometimes be a piece of wood in a kit that cannot do the job required of it. So always be ready to substitute a better (proper) piece of wood when building a kit model. Many experts will just use the plans of a flying scale model and junk the wood in a kit. I recommend you buy only those kits we suggest, and, in the meantime, learn to select your own wood.

FROM CVRC 3/92
NEWSLETTER

05/10/92		OPEN CLASS STANDINGS				HIGH SCORE = 2618		
P	NAME	CLUB	TOTAL	JAN	FEB	MAR	APR	MAY
1	MIKE REAGAN	TOSS	4852	1000	980	1000	1000	872
2	THOMAS AKERS	TOSS	3930	917	944	170	997	902
3	DON NORTHERN	TOSS	3916	980	0	985	994	957
4	ART McNAMEE	TOSS	3852	923	963	979	987	0
5	DON McNAMEE	TOSS	3614	920	0	958	736	1000
6	BOBSWET	TOSS	3505	935	943	757	175	695
7	EDGAR WEISMAN	TOSS	3423	955	882	982	0	604
8	MYLES MORAN	TOSS	2812	837	1000	975	0	0
9	B.J. WEISMAN	TOSS	1984	0	994	990	0	0
10	MIKE LEAL	TOSS	1861	0	953	908	0	0
11	PETER STAIRS		940	0	0	940	0	0
12	JOHN ELLIAS	TOSS	881	0	0	881	0	0
13	HERB JULIEN	MRCSS	809	0	809	0	0	0
14	LARRY JIMENEZ	TOSS	602	602	0	0	0	0

05/10/92		2 METER CLASS STANDINGS				HIGH SCORE = 2134		
P	NAME	CLUB	TOTAL	JAN	FEB	MAR	APR	MAY
1	BOBSWET	TOSS	3103	1000	860	724	188	331
2	MIKE REAGAN	TOSS	3000	0	1000	1000	1000	0
3	DON McNAMEE	TOSS	1976	0	0	977	999	0
4	EDGAR WEISMAN	TOSS	1901	841	485	0	0	575
5	ART McNAMEE	TOSS	1840	841	898	942	0	0
6	B.J. WEISMAN	TOSS	1802	877	925	0	0	0
7	THOMAS AKERS	TOSS	1751	0	343	696	712	0
8	LARRY JIMENEZ	TOSS	1304	0	741	563	0	0
9	MIKE LEAL	TOSS	1000	0	0	0	0	1000
10	ED DEVLIN	TOSS	866	0	703	0	163	0
11	MIKE PUCKETT		629	0	0	629	0	0

05/10/92		SPORTSMAN CLASS STANDINGS				HIGH SCORE = 1276		
P	NAME	CLUB	TOTAL	JAN	FEB	MAR	APR	MAY
1	LARRY JIMENEZ	TOSS	3341	703	752	886	1000	0
2	PETER STAIRS	TOSS	1891	1000	891	0	0	0
3	JOHN ELLIAS	TOSS	1770	824	0	946	0	0
4	ED DEVLIN	TOSS	1000	0	1000	0	0	0
5	JIM GEOHAGAN	TOSS	1000	0	0	0	0	1000
6	DANE VANNETT	TOSS	1000	0	0	1000	0	0
7	B.J. WEISMAN	TOSS	807	807	0	0	0	0

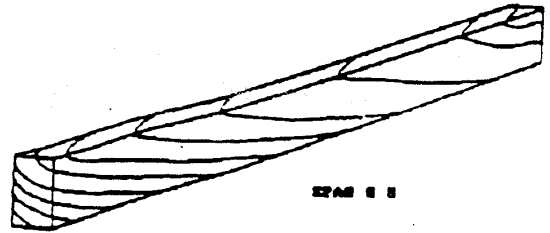
On the selection of spar material

by al doig

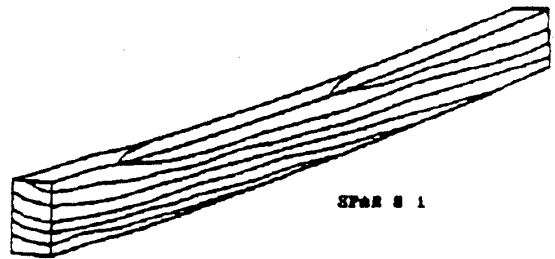
Selection of spar material is very important. It doesn't matter whether furnished in a kit or purchased at your friendly model dealer. Some spar material is really not spruce, which it should be, but pine. This is not to say that pine is not a satisfactory wood for spars, but if you are looking for maximum strength, use spruce. Pine is usually a brown, or yellow color. Spruce is usually quite white. There is one catch, however, woods vary so widely in all properties, that a good grade of pine can be stronger than a poor grade of spruce.

Two factors are important: Grain density and grain run-out. Grain run-out is especially important. Wood will fail in shear along the grain lines. The ideal would be to have grain lines running perfectly parallel, and running the full length of the spar. Poor strength woods have grain lines running sharply off the edges, or undulating wildly from one edge to the other. These spars are weak in both compression and bending.

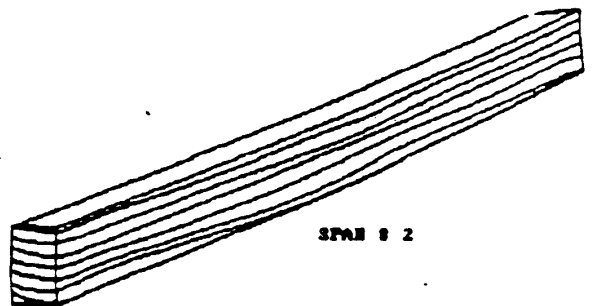
This is an example of a poor spar material. There are too few grains per inch. The grain is not parallel to the long dimension (grain run-out)



This sample of spar material is still poor, but better. There are too few grains per inch. The grain run-out is better,



The last sample shows a better spar material. There are a larger number of grains per inch. The grain run-out is much better - less than one grain per foot. The grain is parallel to the long dimension of the spar.



The next time you select spar material, don't just sight down the spar to see if it is straight, look at the grain!

THANK NORTH COUNTY
CLOUDS NEWSLETTER

SOUTHERN CALIFORNIA SOARING CLUBS
 RESULTS OF DUST (SC)2 CONTEST OF 04/26/92
 CONTEST DIRECTOR - DAVE HALL

PLACE	NAME	CLUB	CLASS	SCORE	NORMAL	TROPHY
1	EDBERG, DON	HSS	EXPERT	2872.0	1000.0	E - 1
2	JOY, GEORGE	TPG	EXPERT	2857.0	994.8	E - 2
3	BURNS, RICHARD	PSS	EXPERT	2784.0	969.4	E - 3
4	ATWELL, BLAIR	SULA	EXPERT	2728.0	949.9	E - 4
5	SPITZER, GEORGE	PSS	EXPERT	2684.0	934.5	E - 5
6	FINKENBINER, KEITH	NCC	EXPERT	2652.0	923.4	
7	MONAHAN, SEAN	NONE	SPORTSMAN	2622.0	913.0	S - 1
8	MARKLE, JIM	SULA	SPORTSMAN	2614.0	910.2	S - 2
9	ANDERSON, GARY	TPG	EXPERT	2571.0	895.2	
10	LACKEY, ROGER	HSS	EXPERT	2540.0	884.4	
11	SLIFF, BOB	HSS	EXPERT	2496.0	869.1	
12	STROBEL, RICH	TPG	SPORTSMAN	2494.0	868.4	S - 3
13	RATNER, MIKE	PSS	EXPERT	2480.0	863.5	
14	LEE, MICHAEL	TPG	SPORTSMAN	2476.0	862.1	
15	THOMAS, ROSS	HSS	EXPERT	2472.0	860.7	
16	GATTI, MARK	PSS	SPORTSMAN	2464.0	857.9	
17	CONDON, STEPHEN	TPG	SPORTSMAN	2453.0	854.1	
18	SANDRONI, HUGO	DUST	EXPERT	2452.0	853.8	
19	LEVOE, MARK	PSS	EXPERT	2440.0	849.6	
20	JOY, BRYAN	TPG	SPORTSMAN	2436.0	848.2	
21	JENKINS, HARVEY	ISS	EXPERT	2418.0	841.9	
21	NIGG, DON	SULA	EXPERT	2418.0	841.9	
23	VALDES, AARON	TPG	EXPERT	2412.0	839.8	
24	GUSTIN, RON	DUST	EXPERT	2406.0	837.7	
25	BILLMAN, TODD	ISS	EXPERT	2390.0	832.2	
26	YOUNG, BRETT	HSS	SPORTSMAN	2376.0	827.3	
27	BUTKOVICH, DAVID	PSS	SPORTSMAN	2368.0	824.5	
28	RAYMOND, KEN	NCC	EXPERT	2367.0	824.2	
29	MATSUMOTO, BEN	PSS	EXPERT	2366.0	823.8	
30	SADORF, STAN	ISS	SPORTSMAN	2364.0	823.1	
30	SMITH, STEVE	DUST	SPORTSMAN	2364.0	823.1	
32	NEHRING, CURT	HSS	SPORTSMAN	2352.0	818.9	
33	SINK, DON	HSS	EXPERT	2340.0	814.8	
33	SCHEIDER, STEPHEN	TPG	SPORTSMAN	2340.0	814.8	
35	AGUIRRE, MIKE	HSS	SPORTSMAN	2308.0	803.6	
36	FOXGORD, CRAIG	PSS	EXPERT	2303.0	801.9	
37	WEISMAN, EDGAR	TOSS	SPORTSMAN	2302.0	801.5	
38	SWANSON, NORM	NCC	SPORTSMAN	2297.0	799.8	
39	VAN GUNDY, DON	TPG	EXPERT	2288.0	796.7	
40	BUSOLICH, NICK	HSS	SPORTSMAN	2266.0	789.0	
41	PINK, STEVEN	SULA	EXPERT	2262.0	787.6	
42	SHELBY, RICK	NCC	SPORTSMAN	2210.0	769.5	
43	RODRIGUEZ, JOE	ISS	EXPERT	2178.0	758.4	
44	MEININGER, FRED	PSS	SPORTSMAN	2174.0	757.0	
45	RITTER, GEORGE	DUST	EXPERT	2173.0	756.6	
46	HENDRY, STEVE	HSS	EXPERT	2154.0	750.0	
47	REAGAN, MIKE	TOSS	EXPERT	2092.0	728.1	
48	COOPER, ROD	NONE	SPORTSMAN	2091.0	728.1	
49	GERBIN Jr, ROBERT	HSS	EXPERT	2010.0	699.9	
50	RITTER, CHRIS	DUST	SPORTSMAN	1998.0	695.7	
51	HENSLEY, WILLIAM	NONE	SPORTSMAN	1962.0	683.1	
52	BUKSEFAN, ROBERT	PSS	SPORTSMAN	1924.0	669.9	
53	KRAMFORD, KARL	DUST	SPORTSMAN	1890.0	658.1	
54	HIGGINSBOTHAM, MARC	ISS	EXPERT	1868.0	650.4	
55	PARSONS, JIM	HSS	SPORTSMAN	1864.0	649.0	
56	AKERS, THOMAS	TOSS	EXPERT	1860.0	647.6	
57	MERENDA, KENNETH	DUST	SPORTSMAN	1852.0	644.8	
58	LARSON, ORLA	DUST	EXPERT	1844.0	642.1	
59	SNEDDEN, JERRY	ISS	SPORTSMAN	1768.0	615.6	
60	YOUNG, PETER	HSS	SPORTSMAN	1749.0	609.0	
61	HALLFORD, PHILIP	PSS	SPORTSMAN	1744.0	607.2	
62	POULSEN, GORDON	HSS	EXPERT	1740.0	605.8	
63	MEJIA, JOSEPH	DUST	SPORTSMAN	1698.0	591.2	
64	KUTCH, NORM	HSS	EXPERT	1670.0	581.5	
65	KLATSKIN, BILL	SULA	SPORTSMAN	1652.0	575.2	
66	HALL, DAVID	DUST	SPORTSMAN	1649.0	574.2	
67	RODGERS, JOHN	PSS	EXPERT	1364.0	474.9	
68	VAN GUNDY, SUE	TPG	SPORTSMAN	1280.0	445.7	
69	BRISTER, KEVIN	NONE	SPORTSMAN	1258.0	438.0	
70	SAGE, FRED	NCC	EXPERT	1184.0	412.3	
71	DEVLIN, ED	PSS	SPORTSMAN	1152.0	401.1	
72	QUAYLE, JACK	DUST	SPORTSMAN	1090.0	379.5	
73	SCHERER, PAT	HSS	SPORTSMAN	1032.0	359.3	
74	CROOK, JIM	ISS	SPORTSMAN	912.0	317.5	
75	FAULKENHAM, RON	ISS	SPORTSMAN	892.0	310.6	
76	DOIG, AL	NCC	EXPERT	796.0	277.2	
76	LONG, DICK	DUST	SPORTSMAN	796.0	277.2	
78	WALTI, BUZ	NONE	SPORTSMAN	770.0	268.1	
79	WAGER, MARVIN	TPG	SPORTSMAN	0.0	0.0	
79	OMSON, ALAN	NONE	SPORTSMAN	0.0	0.0	

Southern California Soaring Clubs
 RESULTS OF DUST (SC)2 CONTEST OF 04/26/92
 TEAM SCORES

PSS	TPG	11	HSS	16	SULA	5	NCC	6	DUST	12	ISS	8	TOSS	3	SWSA	0	EDSF	0	SFVF	0	MRCSS	0
969.4	994.8	994.8	994.8	1000.0	949.9	923.4	923.4	853.8	841.9	801.5	801.5	841.9	801.5	801.5	801.5	801.5	801.5	801.5	801.5	801.5	801.5	801.5
934.5	895.2	895.2	895.2	884.4	910.2	824.2	824.2	837.7	832.2	728.4	728.4	832.2	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4
863.5	868.4	868.4	868.4	869.1	841.9	799.8	799.8	823.1	823.1	647.6	647.6	823.1	647.6	647.6	647.6	647.6	647.6	647.6	647.6	647.6	647.6	647.6
857.9	862.1	862.1	862.1	860.7	787.6	769.5	769.5	756.6	756.6			756.6										
3625.3	3620.5	3620.5	3620.5	3614.2	3489.6	3316.9	3316.9	3271.2	3255.6	2177.5	2177.5	3255.6	2177.5	2177.5	2177.5	2177.5	2177.5	2177.5	2177.5	2177.5	2177.5	2177.5

* JIM MARKLE AND RICH STROBEL MOVE TO EXPERT