

## FROM THE PREZ by Ben Clerx

Congratulations to the 1993 HSS board members: Andy Sanders, president; Pat Scheer, vicepresident; Woody Grosvenor, general director/secretary; Frank treasurer; Chasteler, Nehring, contest coordinator; and Pete Young, newsletter editor. receive they'll sure and assistance support during 1992.

My thanks to Dick Johnson, Woody Grosvenor, Frank Chasteler, Ross Thomas, Pete Richardson, Pete Young, and John Ostrowski for a great job during 1992 - you made my job too easy! I had a fun year and learned a lot about club operations. I hope others will have the opportunity to get the same experience - new ideas and better ways of doing things are always welcome.

#### MEETING LOCATION

Lakes at Seabridge Condos. On Adams Ave. in Huntington Beach. Turn right at the first traffic light heading East from Beach Boulevard. You will need to check in at the gate. Tell the guard you are there for the HSS meeting. If there are any problems, call 969-1524

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.From the October SWSA tournament hosted by Covina, congrats to the following HSSers: Don Edberg - 3rd, Roger Lackey - 5th, Ben Clerx - 7th, Dennis Brandt - 21st, Norm Kutch for the day, HSS 22nd. placed second in team scores to PSS, and with one tournament to go, holds a commanding lead over TPG and PSS ... anyone interested being volunteer instructor in newcomers, contact pilots for Pete Young... new planes seen on the field: Jim Markle's and Mike Aguirre's TEKOA Shadows, Frank Chasteler's 2M+ Whisper ... was that our Curt Nehring, winner of Plane Mystery month's contest sponsored by Hobby Shack? ... EDSF is sponsoring a Toys for Tots fun fly Dec 13, check with Mark Child for more info...

H.S.S. BOARD M	IEMBERS
President: Ben Clerx	(714) 721-8848
Vice President: Dick Johnson	(714) 673-7553
Secretary: Woody Grosvenor	(714) 969-1524
Treasurer: Frank Chasteler	(714) 545-2185
Contest Coord: Ross Thomas	(714) 638-0705
General Dir: Pete Richardson	(714) 557-4782
Newsletter Ed: Pete Young	(714) 892-3473

The Harbor Soaring Society newsletter is published monthly. Editorial comments and articles are welcomed. Please provide all material for consideration by the 15th of the month prior to publication. Wordprocessed material is appreciated (any major IBM compatible disk format and program). Handwritten material must be clear and legible. The editor reserves the right to edit all material. Submissions should be made to Pete Young in person or by mail to: 6592 Belgrave Ave., Garden Grove, CA 92645:

#### NOVEMBER MEETING MINUTES

The November meeting started at 7:45PM with Dick Johnson presiding. The October minutes were accepted as written. Frank Chasteler gave the treasurer's report which summarized expenditures, trophies, winch repairs, and current balance. The treasurer's report was accepted as read.

Mike Aguirre and Ross Thomas are coordinating the next Tri-Cities Challenge (a.k.a. Toilet Seat Tournament) - see contest page 9. Ross announcement on encouraged all flyers to start practicing. One event worth practicing is Control: Buddy after a launch and time to get trimmed out, the pilot faces away from the plane and flies with verbal instructions from reports Ross easily helper. achieving times of one and one half minutes before having to look at the plane. The target minutes, which two is includes a landing. The contest date is December 12 (Saturday), entry fee is \$3, and pizza follows after the flying.

George Siposs gave a report on a recent trip to Hungary. George explained some of the differences between their flying and ours. The Europeans have access to cleaner, narrower band radios than in the US. Aircraft design influences are different than ours.

Curt Nehring asked more people to help out at the contests. Norm Kutch volunteered to solicit more help at the Monthlies. Frank Chasteler will make up a list of all winch owners and submit it to the club.

The meeting was turned over to the nomination and election of 1993 officers. The results of the election were as follows:

> President: Andy Sanders Vice President: Pat Scheer Secretary: Woody Grosvenor Treasurer: Frank Chasteler Contest Coordinator: Curt

Nehring
General Directors: Ross
Thomas and Woody Grosvenor

Newsletter Editor: Pete

Will Stovall asked that the club by-laws be made available to new members when they sign up. Frank suggested making copies available on request.

The meeting closed at 8:45PM.

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Season's Greetings from the Harbor Soaring Society!

#### NOVEMBER MONTHLY

CDs Ross Thomas and Curt Nehring welcomed fliers to the November Monthly on a slightly overcast morning. The week's unseasonably warm temperatures moderated slightly, and highs were in the low 70s. Slight overcast intermingled with weak sunshine throughout the morning, and thermal activity was light and scattered. This month's contest format was to fly one each 3, 5, and 7 minute flight, each worth 900 flight points. Runway landings were 100 points maximum, measured from centerline of a 25 foot fixed tape.

Preferred strategy was to attempt the 5 and 7 minute flights early, leaving the shortest flight for later in the day. However the weather remained favorable for finding and working weak thermal activity throughout the day.

In 2 Meter, Roger Lackey racked up another victory with his Falcon 600; Ross Thomas placed second with his Gnome, and Steve Fink took third with a Sagitta 600.

In the Sportsman event, Pete Young survived a mid-air in the second round to win with an Alcyone, followed by Andy Sanders and his Legend.

Brett Young took first in Advanced with his Alcyone, followed by Sean Monahan and his Sagitta 600.

Ben Clerx outflew the field to win Expert with his Falcon 880, followed by Steve Fink's Tango and Frank Chasteler's Legend. With these placings, Brett Young moves to Expert and Pete Young moves to Advanced.

Special thanks to Maxine Thomas for scoring assistance, and to the HSSers providing winches, retrievers, and on-the-field assistance.

#### FOR SALE

- VOR-2500, 100" Italian sailplane, ready to fly. \$80 OBO. Call George at 540-5452 (h), 966-1272 (w).
- Ready to fly gliders!! Agnew V-tail Vertigo, 1.5M Chuperosa with 3 servos, Sig Ninja. Call Roger at (714) 636-3348.
- 2M (78" span) Sealy Lumina - glass fuse, T-tail, NEW polyhedral wing with flaps. Buyer needs to cut out flaps and cover wing. Price includes a wing bag. \$125 - firm.
- Sealy Laser glass fuse, extended wings, spoilers and flaps. Price includes a wing bag. Ready to fly. With 7 servos \$275. Without servos \$175.
- contact Curt @ (714) 592-2105.
- Sealy Laser kit new-inbox. For price, call Mike at (310) 439-4173
- Unique Fal-'Ome, a 2 meter Gnome with a Falcon planform wing. Rudder, elevator, flaps and ailerons. STRONG wing with carbon fiber reinforced spars, fully sheeted upper surface. Just add radio gear and fly. \$75 OBO (radio gear not included).
- Goblin by Gold Coast Avionics, 60" hand launch or slope plane. Foam core wings with wood fuse. New, in box. \$65 OBO
- Great Planes Spectra, 2M electric, with motor. Partially built. \$50 OBO
- call John at (714) 847-4871.

#### WANTED

- Airtronics Module 7SP radio systems. Contact Pete @ (714) 892-3473.

#### LANDING DEVICES - PRO OR CON?

For the upcoming 1994-1995 AMA rules cycle, one change has been proposed for R/C Soaring which reads as follows: "No fixed or retractable arresting device bolt, sawtooth-like (e.g. protuberance, etc.) is allowed to slow down the model on the ground during landing. The underside of model must not have the protuberance other than towhook and control surface linkage."

This proposal will not be voted upon by the AMA general membership. Your opinions, pro or con, should be conveyed to Randy Spencer, the District representative on the Soaring Contest Board; and Regg Keyawa, District X Vice President. These individuals, in conjunction with their AMA counterparts, will be voting on this proposal in a preliminary vote 1 Jan 93 with a final vote in May 93, The January date is extension an previously announced 1 December date since the proposal missed publication in the current issue of Model Aviation.

If you have an opinion on this matter (and most sailplane pilots certainly do!) write Randy and Regg - their addresses are listed below. Express your opinions now - our officials need your inputs!

To facilitate the gathering of opinions, I have two petitions which circulated at the Ι Monthly, will November and circulate again at the December Monthly. You have your choice of signing a petition for or against the rules proposal, and copies of both petitions will be sent to Randy and Regg before the January voting deadline.

- Pete Young

District X points-of-contact:

Regg Keyawa 4500 Onyx Way Carmichael, CA 95608

Randy Spencer 2617 Fisk Ln. Redondo Beach, CA 90278



Curt Nehring with Legend belonging to Ross what's-his-name

#### INSTALLING FOAM WING AND STAB JOINER TUBES

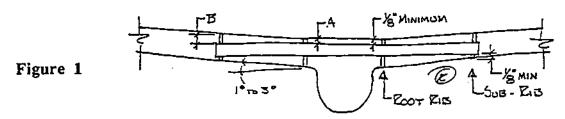
by Roger Chastain

The purpose of this article is to illustrate a technique that I use to position and to drill the foam cores with the aid of a guide plate.

It is important to align the wing or stab core precisely both in plan form and in the dihedral angle you choose. The wing will usually be at a dihedral angle of between 2 and 3 deg and the stab at 0 deg.

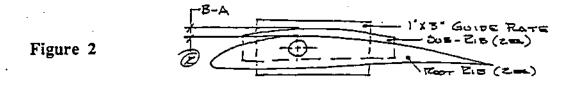
I am going to use a root rib and a sub-rib to support the joiner tube. The root rib is a full length rib, however the sub-rib starts at about 20% cord and runs to about 70%. Make these ribs out of 3/32" plywood. A pair for each wing or stab half.

Make a drawing that is a section drawn through the fuselage and wing at the location of the joiner tube as shown in Figure 1.

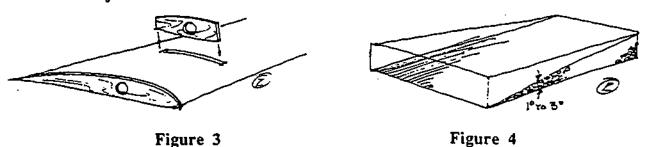


Notice how the holes for the joiner tubes to be drilled in the ribs are not located in the centers of the ribs, but are located instead toward the top of the root rib and toward the bottom of the sub-rib.

A note on the size of the joiner tubes. Make them as large as possible! Use 3/8" diameter "drill rod", heat treated to a Rockwell 52 hardness. [Editor's Note: I will include in a future issure an article from the South Bay SS newletter which provides some insight and detail relative to Roger's recommendation.] Use this on all of your ships. Greater zoom height will more than compensate for the extra weight you will be carrying around.



Subtract dimension "A" from dimension "B" in Figure 1. Bond the two root ribs, the two sub-ribs and a 1" x 3" x 1/8" ply "guide plate" together with 3M 77 Spray adhesive. Offset the root ribs and the sub-ribs by the amount B minus A. Center the guide plate. Drill a hole the diameter of the joiner tubes.



You are now ready to drill the foam cores. First, outline the location of the sub-rib with a felt marker pen. Remove a slice of foam all the way through the wing.

Use UFO/ca to glue the root rib to the wing core. Do not glue the sub-rib at this time. Cut foam blocks that have the section angles to match the dihedral of the wing.

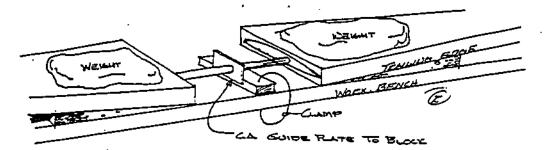


Figure 5

Bond the foam wedge to the bottom of the wing saddle blocks (the foam blocks from which the wing cores were cut). Now procede with the list of instructions below.

1. Sharpen both ends of a 12" length of brass joiner tube.

Slide the "guide plate" onto the tube.

- 3. Insert each end of the tube into the drilled hole of the root ribs.
- 4. Line up the trailing edge of the wing along the edge of the work bench.
- 5. Position the "guide plate" halfway between the root ribs. CA a block of wood to the work bench.
- 6. Starting with the left wing, twist drill the brass tube into the foam. Drill for about 1". Cut through the foam at the end of the tube with an Xacto knife. This will allow the 1" foam slug to be removed by retracting the brass tube. Slide the right wing out of the way in order to do this. Continue this process until the hole is drilled about 1/8" beyond the sub-rib.
- 7. Position the sub-rib into the slot. It should line up with the joiner tube.
- 8. Cut a 6" length of brass joiner tubing. Roughen it with 80-grit sandpaper and seal one end with a 1/16" disk of balsa and CA.
- 9. Assemble the tube and sub-rib into the wing. Be sure that the sealed end is inside the wing!
- Repeat the above procedure for the right wing.

Trim the foam (1/8" x 1/8" x 45 deg) from along the full length of the root rib and the subrib (Figure 6). Seal the bottom of the wing with masking tape. Mix a thin slurry of epoxy and micro-balloons. Make this a thin mixture so that it will flow into the slot around the ribs and fill the void.

The first application of slurry will sink below the surface as it cures. Make several applications to ensure that there is a bead of cured epoxy above the foam surface. This bead will be sanded flush with the wing surface and will provide a large "footprint" that is bonded to the wing skin. This is necessary to properly transfer the flight loads through the wing structure.

Turn the wing over and repeat the above.

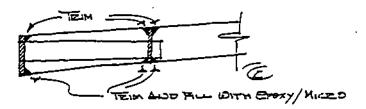


Figure 6



#### THE HARBOR SOARING SOCIETY

**PRESENTS** 

THE SECOND

TRI-CITIES CHALLENGE





#### **FEATURING**

Sula's Sewer birds

el dorado's fecal fliers

Harbor's Sanitary Sailplanes



LOCATION: FAIRVIEW PARK, COSTA MESA

FORMAT:

ROUND 1: 2 MINUTE DEAD RECKONING - NO TIMING ASSISTANCE - PLUS LANDING POINTS

ROUND 2: BUDDY CONTROL - 1 MINUTE ALLOWED FOR TRIMMING. 2 MINUTE OFFICIAL FLIGHT, FLYING ONLY BY TIMER'S VOICE COMMANDS. MAX THE FLIGHT AND YOU GET TO GO FOR BONUS LANDING POINTS

ROUND 3: TO BE ANNOUNCED AT THE FIELD!!

CONTEST DIRECTOR: MIKE AGUIRRE

PILOT'S MEETING:9:00AM ENTRY FEE: \$3

HSS PILOTS NEEDED! LET'S FLUSH AWAY THE TOILET SEAT TROPHY!!

#### SOUTHERN CALIFORNIA SOARING CLUBS OCTOBER, 1992 CONTEST

#### PLACE HAME 2970.9 2969.9 2968.6 KINDRICK KETH EXPERT 1000.0 1ST, EXP 999.7 2ND. EXP. 999.2 3RD. EXP. 998.9 4TH. EXP. XX SPORTSMAN EXPERT 2 WILSON DAN EDSF 3 EDBERG DON GEORGE ROGER TEG EXPERT 2967.7 LACKEY FOXGORD HSS 997.6 STH. EXP. CRAIG BEN EXPERT EXPERT 2959.4 996.1 995.9 CLERX EXPERT EXPERT 2958.5 995.8 995.1 9 ATWEL BLAIR SCOT EXPERT 2954.4 2953.9 994.4 10 MucKENZI 11 BURNS 12 CONDON EXPERT 994.3 994.1 2953.5 13 GATTI 14 FINKENBINER 2951.4 2947.0 MARX EXPERT 993.4 NCC 992.0 KEITH 2945.4 2942.5 15 MATSUMOTO EXPERT 991.8 16 AKERS EXPERT 17 VALOES 18 SADORF 2936. AARON TPG EXPERT QRA A 984.6 STAN EXPERT 2925.2 SPORTSMAN SPORTSMAN 984.1 1ST. SPTS. 984.0 2ND. SPTS 19 MARKIEWICZ 2923.8 XX 20 HALLFORD PHILIP XX PSS 21 BRANDT 22 KUTCH DENNIS EXPER 2906.2 978.2 977.2 HSS EXPERT EXPERT 2898.4 975.6 **EDGAR** TOSS 23 WEISMAN 2895.2 2875.3 974.9 25 BAGGERLY 967,8 3RD, SPTS. GREG SPORTSMAN 26 CHASTELER 27 JENKINS EXPERT FRANK 2873.5 EXPERT 966.4 966.1 28 REAGAN MIKE 2201 2870.1 SPORTSMAN SPORTSMAN SPORTSMAN 29 VINCENT 2859.8 962.6 951.3 958.8 955.0 952.9 SWSA TOSS 30 DECKMAN MIKE PETER 2848.4 2837.1 32 NORENBERG LOWELL SFVF TOSS EXPERT EXPERT EXPERT 33 MCNAME 2831.1 34 HIGGINBOTHAM 35 LEPPLA 2823.4 950.4 MARC 199 949.9 948.2 FRANK **EXPERT** 38 JOY 37 MORTON BRYAN SPORTSMAN 2816.9 RICHARD XX TPG SPORTSMAN 38 PARSONS CX MIL SPORTSMAN 2813.4 947.0 39 SWANSON 40 YEE NORM JOHN 946.3 SPORTSMAN I 2611.3 SWSA SPORTSMAN 946.0 EXPERT 41 SANDRONI 42 SHELBY HUGO RICK DUST NCC 2802.7 943,4 SPORTSMAN 2800.3 43 ANDERSON 44 RODRIGUEZ EXPERT EXPERT 2777.8 2772.1 GARY TPG 935.0 TOSS EXPERT SPORTSMAN 931.6 MANNY 46 TAU HSS 2767.7 47 POPE BOB EDSF SPORTSMAN 2762.2 929.8 48 CRON 49 STROBES HSS EXPERT EXPERT 2762.1 929.7 925.8 RICH 2750.4 50 DUNCAN 51 FAULKENHAM SPORTSMAN EXPERT 2733.2 2727.1 EDSF 920.0 917.9 SUE BRETI 892.7 53 YOUNG HSS SPORTSMAN 54 NEHRING CURT HSS **AA4.7** 881.0 55 FINK 56 VAN GUNDY **IEXPERT** SULA DON PETER 871.5 EXPERT 2589.2 2589.0 SPORTSMAN 871.5 67 YOUNG HSS SPORTSMAN 2586.8 2563.9 2555.1 EDSF 58 CHILD 59 RATNER -------MARK EXPERT 853.0 860.0 SPORTSMAN SWSA 60 PAQUETTE 61 BIKLE EDSF 859.7 **JOHN** SPORTSMAN SPORTSMAN 62 SCHAT DAVID SULA 2499.6 841,4 63 HALL SWSA SPORTSMAN TPG SPORTSMAN 64 TRIST 837.3 65 BLANKE ERIC . इन् 835.1 SPORTSMAN ROBIN 2397.8 66 RIGGS SWSA EXPERT SWSA SPORTSMAN 790.4 MICHAEL 785.9 69 GABRIE PINA WILLIAM SPORTSMAN 778.9 SPORTSMAN 765.2 70 WALDEN 71 SMITH STEVE DUST SPORTSMAN 753.5 72 AVESON SWSA 2232.6 2172.5 SPORTSMAN 751.5 BRUCE SPORTSMAN 73 DEVLIN ED 731.3 74 SCHULTZ STEVEN EDSF SPORTSMAN 2019.6 679.8 76 SAGE FRED FYPERT 667.7 SWSA SPORTSMAN HSS SPORTSMAN SULA EXPERT 1937.8 JIM 1916.4 645.1 1857.5 78 SMITH 625.2 625.2 603.7 79 SPITZER GEORGE SULA 80 MARKLI MIL EXPERT 1793.5 CHARLES PAUL PETER WILLIAM SWSA SPORTSMAN 501.6 489.9 81 WOLCOTT 82 IKONA 1490.1 SWSA SPORTSMAN 1455.4 SWSA EXPERT 329.1 308.3 977.7 83 OLSEN ISS SWSA EDSF 84 HENSLEY SPORTSMAN 915.8 EXPERT SPORTSMAN 85 AVESON 85 DROUGHT 0.0 0.1

\*DAN WILSON \*ARTHUR MARKIEWICZ \*PHILIP HALFORD ADVANCE TO EXPERT

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#### CONTEST CALENDAR

November 22 SC2 @ TOSS December 6 HSS Monthly

December 12 Tri-Cities Challenge December 13 Toys for Tots @ EDSF

#### SOUTHERN CALIFORNIA SOARING CLUBS ANNAUL STANDINGS AS OF OCTOBER, 1992 BEST 6 OF 8 CONTESTS

LACÉ	NAME		STATUS		CONTESTS	
	ATWELL.	BLAIR	EXPERT	5925.7		NONE
	LACKEY	ROGER	EXPERT	5922.8		HSS_
	JOY	GEORGE	EXPERT	5889.9	6	TPG
	REAGAN	MIKE	EXPERT	5879.2	6	TOS:
	CLERX	BEN	EXPERT	5859.3	6	HSS.
	ANDERSON	GARY	EXPERT	5825.4		TPG
			EXPERT	5811.3	6	TOSS
	WEISMAN	EDGAR	EXPERT			1000
	CHASTELER	FRANK		5778.7		HSS
	LEVOE	MARK	EXPERT	5720.8		PSS
	FINKENBINER	KEMH	EXPERT	6713.8		NCC
	SPITZER	GEORGE	EXPERT	5708.4		PSS
12	VALDES	AARON	EXPERT	5702.0		TPG
13	SADORF	STAN	EXPERT	5630.2		155
14	GATTI	MARK	EXPERT	5616.4		PSS
15	RODRIGUEZ	JOE	EXPERT	5604.4	6	221
16	RAYMOND	KEN	EXPERT	5589.0	6	NCC
	STROBEL	RICH	EXPERT	5471.6	6	TPG
18	TAU	MANNY	SPORTSMAN	5427.9		HSS
	CONDON	STEPHEN	EXPERT	5383.4		
		FRED		5377.1		NCC
	SAGE		EXPERT			
26	THOMAS	ROSS	EXPERT	5238.6		HSS .
	EDBERG	DON	EXPERT	4978.0	5	HSS
38	KUTCH	NORM	EXPERT	4569,5		HSS
	SUIFF	BOB	EXPERT	4565.9	5	HSS
	CRON	AL	EXPERT	4432.9		H\$S
	NEHRING	CURT	SPORTSMAN	4339.8		
	YOUNG	PEYER	SPORTSMAN	4240.3		HSS
				4138.1		HSS
	YOUNG	BRETT	SPORTSMAN			
	AGUIRRE	MIKE	SPORTSMAN	3773.1		HSS
	BUZOUCH	NICK	SPORTSMAN	3584.9		HSS
60	MARTIN	TONY	EXPERT	2919.3		HSS
66	ZINK	DON	EXPERT	2713.2	1 3	HSS
68	BRANDT	DENNIS	EXPERT	2602.5	3	HSS
	PARSONS	XX MIL	SPORTSMAN	2305.3	3	HSS
	HENDRY	STEVE	EXPERT	2176.9		HSS
		ROBERT	EXPERT	1694.2		HSS
		DON	EXPERT	1591.5		SULA
	NIGG					DUST
101		RON	EXPERT	1629.1		
	LEE	MICHAEL	SPORTSMAN	1523,4		TPG
	HIGGINBOTHAM	MARC	EXPERT	1600.8		tSS
104	SCHULTZ	STEVEN	SPORTSMAN	1584.8	12	EDSF
	RITTER	GEORGE	EXPERT	1564.2	2	DUST
	MEININGER	FRED XX	SPORTSMAN	1559.0	2	PSS
	RITTER	CHRIS XX	SPORTSMAN	1520.1		DUST
	GABRIEL	PINA	SPORTSMAN	1485.2		PSS
				1445.4		EDSF
	DROUGHT	GEOFF	SPORTSMAN			NCC
	SMITH	MICHAEL	EXPERT	1321.5		
	MERENDA	KENNETH	SPORTSMAN	1289.3	2	ous
	KIELTYKA	MAC	SPORTSMAN	1285.8		HSS
	ANDREWS	ROBERT	SPORTSMAN	1243.7		155
	CROOK	THE	SPORTSMAN	1106.7		liss
	WALTZ	BUZ	SPORTSMAN	1050.0		DUST
116	SMITH	JAMES	EXPERT	1004.0		SULA
	SPENCER	RANDY	EXPERT	998.6		EDSF
	SLOBOD	ED	EXPERT	981.1		SFVF
				975.1		ISULA
	TOITA	LARRY	EXPERT		<u>;</u>	
	WHITE	LARRY	EXPERT	971.0		HSS
	VINCENT	TOM	SPORTSMAN	962.6		HSS
	GIBBS	DUANE XX	SPORTS <u>MAN</u>	942.9		
129	SMITH	MORRY	EXPERT	939.6	3)	HSS
	BOESE	JIM	SPORTSMAN	920.2	21 1	HSS
	RENAUD	TIM	EXPERT	867.7		
			SPORTSMAN	860.9		
	RITSCHKE					
	PANTZAR	DICK	EXPERT	836.3	-	
	BIDOLE	FRED XX	SPORTSMAN	797.1		
	NEMECEK	DAVID	EXPERT	793.0		HSS
	CLARKE	GEORGE	SPORTSMAN	781.8	3) 1	HSS
156					<del></del>	1000
		VAN	SPORTSMAN	703.9	9) 1	HSS
168	ANDERSON		SPORTSMAN EXPERT	703.9 605.6		HSS

#### **TEAM STANDINGS**

PSS	HSS	TPG	T035	155	EDSF
1000.0	999.2	998.9	990.4	984.6	999.
996.1	997.6	994.1	975.6	967.8	929.1
995.6	995.9	988.4	966.1	966.4	920.0
994.3	978.2	984.1	958.8	950.4	870.7
W29842	1010	## ## ## ## ## ## ## ## ## ## ## ## ##	CONTRACTOR OF STREET	3500	9720
SWSA	INCC	SULA	DUST	SFVF	MRCS
961.3	992.0	881,0	943.4	994.4	
946.0	946.3	856.3	841.4	955.0	
860.0	942.6	625.2	753.5		
837.3		603.7			
**************************************	***************	THE PARTY OF THE P	CONTROL OF THE PARTY	300000 T-34/44	03933003333333

#### YEAR-TO-DATE TEAM STANDINGS

HSS	TPG		PSS	NCC	SULA	155
30,952.2		30,498.7	29,023.5	26,935.6	26,623.8	25,758.7
TOSS	EDSF		SWSA	DUST	SFVF	MRCS
25,368,0		22,682.1	14,935.4	14,651.7	7,548.5	1,467.3

#### HARBOR SOARING SOCIETY NOVEMBER CONTEST, 1992 OPEN DIVISION

PLACE	NAME		CLASS	SCORE	NORMALIZED	TROPHY
, <del></del> 1	CLERX	BEN	EXPERT	2979.0		1ST. EXP.
2	FINK	STEVE	EXPERT	2957.0	992.6	2ND. EXP.
, 3	CHASTELER	FRANK	EXPERT	2945,0	988.6	3RD, EXP
4	YOUNG**	BRETT	ADVANCED	2943.0	987.9	1ST, ADV.
5	MARKLE	JIM	GUEST	2938.0	986.2	
	MONAHAN	SEAN	ADVANCED	2935.0		2ND. ADV <u>.</u>
. 7	BRANDT	DENNIS	EXPERT	2917.0	979.2	
8	POULSEN	GORDON	EXPERT	2876.0	965.4	
	WHITE	LARRY	EXPERT	2874.0	964.8	
	NEMECEK	DAVID	EXPERT	2868.0	_962 <u>.</u> 7	,
11	LACKEY	ROGER	EXPERT	2858.0	959.4	
	BIDDILE	FRED	EXPERT	2848.0	956.0	
	CRON	AL	EXPERT	2825.0	948.3	
	HENDRY	STEVE	EXPERT	2805.0	941.6	
15	BIKLE	JOHN	GUEST	2803.0	940.9	
16	YOUNG*	PETE	SPORTSMAN.	2792.0		1ST. SPTS.
17	SANDERS	ANDY	SPORTSMAN	2786.0		2ND. SPTS.
18	KUTCH	NORM	EXPERT	2779.0	932.9	
19	PARSONS	JIM	ADVANCED	2746.0	921.8	
20	THOMAS	ROSS	EXPERT	2722.0		
21	DUNCAN	BILL	ADVANCED	2716.0		
22	AGUIRRE	MIKE	ADVANCED	2683.0	900.6	
23	RITSCHKE	GORDON	EXPERT	2646.0		
24	SLIFF	BOB	EXPERT	2634.0		
25	NEHRING	CURT	ADVANCED_	2630.0		1
26	BOESE	JIM	EXPERT	2502.0		
27	PANTZAR	DICK	EXPERT	2252.0		
28	SCHEER	PAT	SPORTSMAN	2184.0		
29	WILHITE	CONNIE	SPORTSMAN	2077.0		
30	VINCENT	том	SPORTSMAN	2010.0	674.7	

\*\*BRETT YOUNG MOVES TO EXPERT \*PETE YOUNG MOVES TO ADVANCED

#### TWO-METER DIVISION

PL	ACE	NAME		SCORE	NORMALIZED	TROPHY
_	7	LACKEY	ROGER	2886.0		
	. 2	THOMAS	ROSS	2822.0	977.8	2ND.
		FINK	STEVE	2770.0	959.8	3RD.
	4	BRANDT	DENNIS	2734.0	\$ \$947:3	
	- 5	SLIFF	BOB	2701.0		
	6	KUTCH	NORM	2685.0		
	7	SANDERS	ANDY '	2629.0		
	8	WRITE	LARRY +	2584,0		
	9	MONAHAN	SEAN	2583.0		
Г	10	VINCENT	TOM	2569.0	890.2	i
Г	11	DUNCAN	BILL	2543.0	881.2	
Г	12	PARSONS	JIM.	2467.0	854.8	1
	13	SCHEER	PAT •	2363.0	818.8	i
Г	14	SMITH	MORRY	2327.0	806.3	
	15	AGUIRRE	MIKE	1940.0	672.2	

## TWO-METER DIVISION YEAR-TO-DATE STANDINGS (7-OF-9)

PLACE IN	IAMÉ		SCORE	CONTESTS
1 [	ACKEY	ROGER	6975.8	
21	HOMAS	ROSS	6709.8	
3 0	DUNÇAN	BILL.	6331.4	
4 V	WHITE	LARRY	6080.1	
5 4	AGUIRRE	MIKE.	5977.0	
614	KUTCH	NORM	5276,4	
710	MONAHAN	SEAN	4930.3	
8 F	PARSONS	JIM	3343.5	5 5 3 3 3 3 2 2 2
9 F	INK	STEVE	3042.9	_5
10 8	SLIFF	BOB	2706.3	3
11 1	VARTIN	TONY	2895.2	3
12 8	SCHEER	PAT	2280.6	3
13 t	ONG	DICK	2071.1	3
14 \	/INCENT	TOM	1890.2	2
15 8	STOKER	PAT	1814.7	[2
16 8	BRANDT	DENNIS	1792.1	
17	YOUNG	BRETT	1667.4	2
	BUZOLICH	NICK .	1371.1	2 2
19	KIELTYKA	MAC .	1190.1	
20	YOUNG	PETER	994.5	i <u>1</u>
2118	SANDERS	ANDY	910.9	<u>. 1</u>
2219	SCHOFRO	STEVE	874.0	1 1
23 5	SMITH	MORRY	806.3	
2419	SIPOSS	GEORGE	781.3	<u> </u>
25(1	VEHRING	CURT	752.1	1
26 0	CLARKE	GEORGE I	555.6	5 1
	SEMMELMAYER	ERIC	551.6	i) 1
2810	CONRAD	WILL	531.7	1
	HENDRY	STEVE	470.9	1
	RAMSAY	DON	141.4	. 1

# YEAR-TO-DATE STANDINGS BEST 7- OF-9 CONTESTS OPEN DIVISION

PLACE	MAME		CLASS	SCORE	CONTESTS
	CLERX	BEN	EXPERT	6902.8	
	LACKEY	ROGER	EXPERT	6896.1	
	CHASTELER	FRANK	EXPERT	6760.7	
	CRON	AL	EXPERT	6584.2	<del>,</del>
	BOESE	JIM	EXPERT	6512.4	
	DUNCAN	BILL	ADVANCED	6330.2	
	THOMAS	ROSS	EXPERT -	6258.6	
		MIKE	ADVANCED	6138.0	
	AGUIRRE RITSCHKE	GORDON	EXPERT	5995.6	
	NEHRING	CURT	ADVANCED -	5959.8	
	NEMECEK	DAVID	EXPERT	5907.8	
	WHITE	LARRY	EXPERT	5568.3	
		BRETT	ADVANCED	5566.0	7
	YOUNG				
	FINK	STEVE	EXPERT	5511.4 5381.8	
	POULSEN	GORDON	EXPERT		
	WILHITE	CONNIE	SPORTSMAN	5265.1	
	YOUNG	PETE	SPORTSMAN	5231.6	
	KUTCH	NORM	EXPERT	5149.0	<u> </u>
	SANDERS	ANDY	SPORTSMAN	4812.1	
	PANTZAR	DICK	EXPERT	4623.1	7
	PARSONS	JIM -	ADVANCED	4077.4	5
	IBUZOLICH	NICK	SPORTSMAN	3841.1	
	SLIFF	BOB	EXPERT	3644.5	
	HENDRY	STEVE	EXPERT	3618.5	5
	ZINK	DON	EXPERT	3512.1	- 5
	SCHEER	PAT	SPORTSMAN	3205.2	5
	GERBIN	ROBERT Jr		2947.1	
	BIDDLE	FRED	EXPERT	2921.7	3
	MONAHAN	SEAN	ADVANCED	2859.4	5
	TAU	MANNY	ADVANCED	2845.7	3
	MARTIN	TONY	EXPERT	2538.0	- 3
32	BRANDT	DENNIS	EXPERT	2413.5	3
	SMITH	MORRY	ADVANCED	2363.1	
34	CLARKE	GEORGE_	SPORTSMAN	2067.4	3
35	RICHARDSON	PETE	EXPERT	2026.8	3
	HAWLEY	ED	SPORTSMAN	1934.3	
	EDBERG	DON	EXPERT	1908.9	
	LONG	DICK	ADVANCE	1787.8	
		MAC	SPORTSMAN	1544.8	
	KIELTYKA	PAT	EXPERT	1531.9	
	STOKER VINCENT	TOM	SPORTSMAN	1471.0	
	GROSVENOR ··	WOODY	SPORTSMAN SPORTSMAN	1200.2	
	DANRICH	DAN DAN	ADVANCED	958.5	
	GERMANE	BRIAN	ADVANCED	692.5	
	SCHOFRO	STEVE	SPORTSMAN	594.3	
		DAN	SPORTSMAN	553.3	
	LAIR				
	SEMMELMAYER		SPORTSMAN EXPERT	525.5 483.4	
	DURHAM	JACK		453.9	
	ROWELL	WAYNE	SPORTSMAN		
	IIIIIIII	DON	ISPORTSMAN	163.7	Maria (1)

#### DECEMBER MONTHLY

DATE: Sunday, December 12, 1992

CONTEST DIRECTORS: Pat Scheer and Mike Aguirre

FORMAT: 3 rounds @ 1000 points.

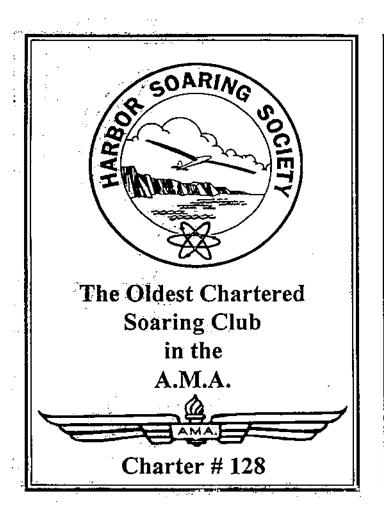
First two rounds, 3/5/7 pilot's choice; third round - 2 minute precision duration, AMA bell curve scoring, 900 flight points max. Landings: runway centerline, distance measured from centerline.

PILOTS' MEETING AT 8:30AM

5%

FIRST ROUND AT 8:45AM!

Starting flight group will be decided at the pilots' meeting.



#### DECEMBER MEETING

<u>DATE</u>: Wednesday, December 2, 1992 at 7:30PM

<u>LOCATION</u>: Clubhouse at Lakes at Seabridge Condos. Refer to instructions on page 1.

<u>PROGRAM</u>: Swap shop! Just in time for Xmas, bring out your kits and supplies for trading or bartering.







### FIRST CLASS MAIL

WILL CONRAD 9359 SHRIKE AVE FOUNTAIN VALLEY, CA 92708