

Harbor Soaring Society  
P.O. Box 1673  
Costa Mesa, CA 92626

WILL CONRAD  
9359 SHRIKE AVE  
FOUNTAIN VALLEY CA 92708

## PLANE RAP

President:	Mat Forquer
Vice Pres:	Larry Tuohino (714) 548-7968
Secretary:	Eric Marcusson
Treasurer:	Steve Hendry
Contest Coord:	Mike Aguirre
General Dir:	Ross Thomas
News Letter Ed:	Bob Sliff (714) 893-2337

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**"The Oldest Chartered Soaring Club In the AMA"**  
**Charter # 128**

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### MARCH 1996

**January Club Meeting:** The January club meeting will be held on Wednesday, March 6, 1996, 7:30 pm at the Hobby Shack store, 18480 Bandilier Cir, Fountain Valley, CA. The Monthly club contest will be on Sunday, March 10th, field conditions permitting. format for the March club meeting will be "Thermal Masters," Larry Tuohino moderating.

**February Club Meeting:** The February club meeting will be held on Wednesday, April 3rd 1996 at 7:30 pm at the same location unless notified otherwise.

## **PREZIDENTIALLY SPEAKING:**

Well guys, 1996 is well underway and up until the end of February I was hoping the vernal ponds would not come around for their yearly visit. Not so.

First of all, I would like to apologize for the snag with last month's newsletter. The board members and a few key volunteers got together and published this issue. By the way, if you are interested in helping out with the newsletter please contact me.

This brings up a point that I would like to address to the whole club. As you probably know, the board members of the Harbor Soaring Society, the individuals that are responsible for club activities are volunteers. And since we are volunteers, we only have so much time to donate. Which brings me to the next point. If you would like to see more activities or variations of our current activities, please speak up and get involved. Remember, it is a lot easier to stand on the sidelines than to successfully execute an activity. We must all continue to donate our time and effort in order to remain a successful organization. So, please take a hard look at getting more involved in your club.

On another note, the Thermal Masters lined up for the March club meeting should really be interesting. Also, I hope you will all come out for the "Carnagesorus" on March 21st.

Respectfully,

Matt Forquer.

### **NSL EDITOR NOTES:**

I apologise for the primitave character of this issue. It has been put together rather hastily. Next month I expect it will be a little more professional, with more articles and comments from the membership.

A number of club members have been enjoying themselves on the slope engaged in immortal combat. The models are made of that light, white, airy stuff. Actually, this is not fluffy stuff known as ethereal cloud. Rather it is that white foam that makes up the inner core of our Mako's. They fly, they hit, they contact the ground, they fly some more, until the courageous combat flyer has to stop and rest. So, get your carnagesoarus, and go for it. (Ed.)

FIFTEENTH ANNUAL ROSE BOWL SOARING FESTIVAL AND TRADE SHOW  
APRIL 20TH AND 21ST, 1996

THIS IS 2ND EVENT OF THE WESTERN STATES SOARING TRIAD  
SPONSORED BY THE PASADENA SOARING SOCIETY

LOCATION: THIS IS AN AMA SANCTIONED EVENT; ALL AMA RULES APPLY  
PASADENA'S BROOKSIDE PARK, ROSE BOWL SOARING FIELD- SEVENTEEN ACRES OF GRASS

CLASSES: UNLIMITED AND TWO METER

TASKS: SATURDAY APRIL 20TH SUNDAY APRIL 21ST  
ROUND 1 - 3 MINUTE PRECISION DURATION ROUND 5 - 5 MINUTE PRECISION DURATION  
ROUND 2 - 1ST FLIGHT OF ADD-EM-UP ROUND 6 - 4TH FLIGHT OF ADD-EM-UP  
ROUND 3 - 2ND FLIGHT OF ADD-EM-UP ROUND 7 - 8 MINUTE PRECISION DURATION  
ROUND 4 - 3RD FLIGHT OF ADD-EM-UP

The add-em-up rounds will consist of four flights to make 24 minutes, with no round over 8 minutes.  
On Sunday, pilots will have the option to fly round 6 before round 5. The landing area will be near the center of the field and available for inspection prior to the contest.

TROPHIES: Unlimited - 1st thru 10th Place Two Meter - 1st thru 5th Place  
First Place Team - Top 4 Dues paying members of a sanctioned club.

TIME: Pilots meeting 8:45 a.m. each day / First flight 9:00 a.m each day

RAFFLE: Grand Raffle following last round

TRADE SHOW: SELECTED MANUFACTURERS WILL DISPLAY WHAT'S NEW IN THE HOBBY ON SUNDAY APRIL 21ST

INFORMATION: C.D. TRADE SHOW COORDINATOR SCORING  
PAUL TRIST MIKE RATNER AL ZIMMERMAN  
(818) 545-7551 (818) 781-6891 (818) 500-9019

ENTRY FEE: \$28.00 FOR 1ST ENTRY. \$12.00 EXTRA TO FLY BOTH CLASSES.  
NOTE: AS IN ANY MAJOR CONTEST, ENTRY FEES ARE NON REFUNDABLE

RV PARKING: OVERNIGHT PARKING FREE - FRIDAY APRIL 19TH, SATURDAY, APRIL 20TH.  
No hook-ups

ENTRY FORMS WILL BE ACCEPTED ON A FIRST COME, FIRST SERVED BASIS. No entries will be accepted at the field. The best are coming to Pasadena for individual achievement and team honor..... If you wish to be counted among the few, it's imperative that your entry be submitted early! No entries will be accepted after APRIL 1, 1996.

Entry Form: Please make checks payable to "Pasadena Soaring Society"

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone ( ) \_\_\_\_\_

AMA Number: \_\_\_\_\_ Team Declaration: \_\_\_\_\_ RV Parking? Yes No

Frequency Choices: Unlimited 1st 2nd 3rd

Two Meter 1st 2nd 3rd

NOTICE: CHANNEL 12 IS NOT USABLE AT THIS FIELD

MAIL ENTRY TO : Pasadena Soaring Society, c/o Al Zimmerman  
1328 Branta Dr., Glendale, Ca. 91208

T-Shirts @ \$13.00 ea	
M	\$ _____
L	\$ _____
XL	\$ _____
XXL	\$ _____
Entry Fee	\$ _____
	\$ _____
Total Enclosed	\$ _____

# FIFTY WAYS TO WIN AT GLIDERS

by Randy Reynolds  
NSS 81-3024

Extracted from Sailplane Jul-Aug-Sep 89

When I first started down the road to competitive glider flying, I couldn't make the connection. I had always been pretty good at most things, but this business of glidering had me baffled....and hooked. I read Thornburg's Rules and lots of other stuff. I talked to all of the local gurus. Yet, I still made every mistake possible. Today I am a wiser man, significantly better, but not the best that has ever been. You can learn a lot from me because I proved every one of the following truisms...the hard way. Just a word of warning, there is not a lot of room for supporting arguments. Some are self-evident. Some are cryptic. Many are borrowed and all are perceptions. Go thou and do likewise.

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## THE GLIDER:

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- Pick any reasonably competitive proven design and don't chase theory or "Demon Tweaks" excessively.
- Make a commitment to fly this ship until you reach your competition objectives over several seasons.
- Build it straight, flat, and clean. Be a fanatic about this.
- Use quality radio gear, especially servos.
- Get to know your batteries; they are your glider's best friend.
- Flying surfaces should always return to precise neutral.
- Be knowledgeable about C/G and towhook location. Talk in percent of wing chord, not "two thumbs behind the left spar."
- Develop a checklist for finding problems in the workshop. Inspect before every flying session.

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## THE PRACTICE SESSION:

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- Fly with a purpose...set objectives.
- Fly with someone timing you as though in a contest.
- Always use a landing tape and practice right and left patterns.
- Participate in LSF, it will help you. Help others, it will also help you.
- Try to fly twice per week during contest season.

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## THE LAUNCH:

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- File a mental flight plan.
- Before launching... think "PPSS" which means "*P*n for my frequency", "*P*lane OK?", "*S*ettings in trim?", "*S*tick moves the flying surface?".
- Planes launched with radios off are caused by an abnormal happening while you are preparing to launch. Repeat "PPSS."
- First 1/3 of launch for height. Go nearly vertical at medium winch speed. Now aren't you glad you know where your CG is?
- Second 1/3 of launch is to build speed and direction to flight plan area.
- Final 1/3 of launch is for a mild zoom. Save some of the zoom for L/D towards the search area.
- Flying through lift on the launch can be identified by the high tension in the line. Continue launch and return to the lift.
- Practice downwind launches. Tip: Go fast!
- The best launchers in wind-win.
- Don't release early. Try to finish the launch over the turnaround, as it will give you more time to fly a

thermal downwind. Get help.

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#### THE THERMAL:

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- Thermal search at a medium/high speed, hopefully at your best L/D.
- Since you determine when your ship is in good air by visual indications, it follows that a minimum of commands from you will help avoid "stick lift."
- Don't turn immediately upon detecting a thermal; explore it instead.
- Thermals drift with the wind. Keep that in mind if you lose the lift. Try searching down wind from where you lost it.
- Watch which side of the circle has the strongest lift...go there.
- Thermals exist in wind. Be aggressive with ballast and technique.
- Don't sell yourself a thermal your glider won't buy.
- Wind shifts go toward the thermal.
- Ask the local expert what the thermal patterns are. Also ask why.

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#### THE LANDING:

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- Communicate to the timer about countdown, watching others, and tape direction. Make him part of your team through participation.
- Get to the landing circle at least two minutes before landing.
- Attain desired checkpoint positions at one minute (75' altitude) and again at 30 seconds (30' altitude).
- At 30 seconds, you should be entering a set "U" shaped landing pattern at about 30' altitude with medium-slow airspeed. The sailplane should be flown very close to you at this point to establish a landing "sense." The airplane should be very stable. Time the altitude and speed properly so that you feel in control, not rocketing about the sky at too high an altitude.
- At 30 seconds, stop thinking, visualize the landing and DO IT!
- Most bad landings are caused by improper altitude control against the time slope. Practice with a familiar airplane is the cure.
- Any competitive glider is a good landing machine, provided it has medium weight, glide path control and landing spikes (Shark's Teeth).

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#### THE CONTEST:

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- Make sure of tune. No changes since the last practice flight.
- Know the task rules and pay attention at the pilot's meeting.
- Consider the important aspects of the tasks, site and weather.
- If possible, find a buddy to team up with for timing and line retrieval. This is good for moral support.
- Evaluate the thermal search possibilities. Watch where other gliders locate lift.
- Monitor one or two competitors in an effort to learn technique.
- During the contest, try to preserve some perspective by utilizing some periodic quiet time to relax and observe.
- Take care of yourself and you'll do a better job. Avoid dehydration during hot weather. Use sunscreen and protect your eyes with good UV sunglasses.
- Set some attainable goals during a contest...it will help your self-esteem. Off to a bad start? Reset your goals for the day.
- Don't give up. When you are a victim of bad luck or your own "no brainer" or even if you are in a comfortable lead...don't lose your concentration. Do your best on every flight. If you "tank" the remnants of a poor contest effort, you will feel even worse later.

Bobby Fischer said that "Chess is life." Flying R/C Sailplanes is a sport that can be as compelling to some of us as Chess was to the former American World Champion, but it probably shouldn't be. Remember your perspective when bad luck bites...this is for fun!

## HSS 1996 Calendar

Events of interest to "Team HSS" and the OC R/C Soaring Community. HSS sponsored or affiliated events in bold. All dates are subject to change. Best to confirm non-HSS dates with foreign club CDs. If you are aware of any errors or conflicts please advise Erik Marcussen @ 714 730-7998.

### March

3/6 **HSS Club Meeting-Thermal Masters Roundtable**  
 3/9 TPG 60" Slope Race  
 3/10 **HSS Monthly TD**  
 3/30 TPG South HLG  
 3/31 SC2 at ISS

### April

4/3 **HSS Club Meeting- Merrill Brady LSF**  
 4/7 **HSS Monthly TD**  
 4/13 CSR Slope Race Yorba Linda  
 4/14 **HSS "Carnagesoar" Foam Slope Bash**  
 4/20-21 PSS RoseBowl Soaring Festival  
 4/20 TPG 60" Slope Race  
 4/28 SC2 at Eldorado

### May

5/1 **HSS Club Meeting**  
 5/5 **HSS Monthly**  
 5/11 TPG 60" Slope Race  
 5/12 **HSS LSF Family BBQ**  
 5/17-19 Los Banos Slope Scale Fun Fly  
 5/19 **HSS ElectroSoar**  
 5/24-27 Vintage (fullsize) Sailplane Assoc Regatta, Tehachapi  
 5/26 SC2 at TPG

### June

6/1 ISS HLG Riverside  
 6/5 **HSS Club Meeting**  
 6/8 CSR Slope Race Yorba Linda  
 TPG 60" Slope Race  
 6/9 **HSS Monthly TD**  
 6/15-16 TPG South International HLG Festival  
 6/15-16 ?North-South Challenge?  
 6/22 ?HSS Slope Race/Event?  
 6/30 SC2 at TPG

### July

7/3 **HSS Club Meeting**

7/7

7/13

7/26-2

7/28

### August

8/7

8/10

8/11

8/17

8/25?

8/30-2

### **HSS Monthly**

**?HSS Handlaunch?**

TPG 60" Slope Race

LSF-AMA Nationals

SC2 at TOSS

### **HSS Club Meeting**

TPG 60" Slope Race

**HSS Monthly TD**

?HSS Slope Race?

SC2 at SULA

Sailplane (fullsize)

Homebuilders Mctt,

Tehachapi

### September

9/4

9/8

9/14-15

9/14-15

9/22

9/29

### **HSS Club Meeting**

**HSS Monthly TD**

CSR 26 mile Cross Country, California Valley

SULA S. Cal Scale Glider Festival

**HSS ElectroSoar**

TPG South HLG

SC2 at HSS

### October

10/2

10/5-6

10/13

10/19-20

10/27

### **HSS Club Meeting**

Fall Soaring Festival Visalia

**HSS Monthly TD**

?Merrill's Desert Dash?

SC2 at SWSA

### November

11/6

11/10

11/17

### **HSS Club Meeting**

**HSS Monthly TD**

?HSS F3J?

SC2 at Pasadena

### December

12/7

12/8

12/11

TPG South HLG

**HSS Monthly TD**

**HSS Holiday Awards Party**

OPEN CONTEST JANUARY 1996

	NAME	CLASS	SCORE	NORMALIZED	PLACE
1	RICK BRIGGS	EXPERT	2654	1000	1 ST. MASTER
2	MATT FORQUER	EXPERT	2618	986.4	1 ST. EXPERT
3	BEN CLERX	MASTER	2588	975.1	
4	JOE RODRIGUEZ	MASTER	2549	960.4	
5	MIKE AGUIRRE	MASTER	2523	950.6	
6	LARRY TUOHINO	SPORTSMAN	2509	945.4	2 ND. EXPERT
7	ROGER SAVILLE	SPORTSMAN	2507	944.6	3 RD. EXPERT
8	TOM VINCENT	EXPERT	2504	943.5	
9	ROSS THOMAS	EXPERT	2490	938.2	
10	DON EDBERG	EXPERT	2456	925.4	
11	DAVE NEMECEK	EXPERT	2452	923.9	
12	ERIC THORNTON	ADVANCED	2388	899.8	1 ST. ADV.
13	PAT STOKER	MASTER	2363	890.4	
14	ROGER LACKEY	MASTER	2186	823.7	
15	STEVE HENDRY	EXPERT	2176	819.9	
16	NORM KUTCH	EXPERT	2139	806.0	
17	BILL DUNCAN	EXPERT	1997	752.4	
18	BOB SLIFF	EXPERT	1975	744.2	
19	GEORGE AZVEDO	ADVANCED	1908	718.9	2 ND. ADV.
20	JIM PARSONS	EXPERT	1796	676.7	
21	DON RAMSEY	SPORTSMAN	1778	669.9	1 ST. SPTS
22	WILL CONRAD	ADVANCED	1738	654.9	
23	ERIK MARCUSSEN	EXPERT	1727	650.7	
24	AL CRON	EXPERT	1708	643.6	
25	NICK BUZOLICH	ADVANCED	1690	636.8	

NAME	SCORE	NORMALIZED	PLACE
1 LARRY ENGER	2462	1000	1 ST.
2 NORM KUTCH	2121	861	2 ND.
3 WILL CONRAD	2103	854	3 RD.
4 ROSS THOMAS	1955	794	
5 DICK PANTZAR	1856	754	
6 KARL HAWLEY	1630	662	

CLASSIC CONTEST JANUARY 1996

OPEN CONTEST FEBURARY 1996

	NAME	CLASS	SCORE	NORMALIZED	PLACE
1	MIKE AGUIRRE	MASTER	2685	1000	1 ST. MSTR.
2	RICK BRIGGS	EXPERT	2680	998	1 ST EXP.
3	JOE RODRIGUEZ	MASTER	2657	990	
4	MATT FORQUER	EXPERT	2587	964	2 ND. EXP.
5	NORM KUTCH	EXPERT	2572	958	3 RD. EXP.
6	TOM VINCENT	EXPERT	2548	949	
7	BOB SLIFF	EXPERT	2423	902	
8	RANDAL HOLZAPPLE	EXPERT	2374	884	
9	DENNIS BRANDT	EXPERT	2370	883	
10	DENNIS BRANDT	EXPERT	2370	883	
11	LARRY TUOHINO	SPORTSMAN	2368	882	1 ST. ADV.
12	ROSS THOMAS	EXPERT	2344	873	
13	DAVE NEMECEK	EXPERT	2276	848	
14	ERIC MARCUSSEN	EXPERT	2210	823	
15	PAT STOKER	MASTER	2159	804	
16	BOB POPE	EXPERT	2030	756	
17	LARRY ENGER	EXPERT	1851	689	
18	BILL DUNCAN	EXPERT	1850	689	
19	DAN FINK	EXPERT	1842	686	
20	WIL CONRAD	ADVANCED	1739	648	2 ND. ADV.
21	GEORGE AZVEDO	ADVANCED	1625	605	3 RD. ADV.
22	AL CRON	EXPERT	1547	576	
23	JIM PARSONS	EXPERT	1526	568	
24	ERIC THORNTON	ADVANCED	1378	513	
25	GORDON RITSCHKE	EXPERT	1251	466	
26	STEVE HENDRY	EXPERT	1144	426	
27	DICK PANTZAR	EXPERT	1029	383	
28	ROGER SAVILLE	SPORTSMAN	980	365	1 ST. SPTS.
29	NICK BUZOLICH	ADVANCED	0	0	

NAME	SCORE	NORMALIZED	PLACE
1 JOE RODRIGUEZ	2252	1000	1 ST.
2 ROSS THOMAS	1954	868	2 ND.
3 NORM KUTCH	1569	697	3 RD.
4 DAN FINK	1462	649	
5 KARL HAWLEY	1114	495	

2 METER FEBRUARY 1996



Charter # 128

The Few, the Proud, the Completely Insane  
invite all to the

# HSS "Carnagesoarus" Slope Foam Bash and BBQ

Sunday Afternoon, 4/14/96, at Estancia HS

\$20 gets you your own Carnagesoarus Kit delivered  
at the April 3rd HSS Meeting and Lunch on 4/14

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Yes I do volunteer (and attach \$20) for this hopelessly wacky  
event and heretofore hold all harmless to any damage which may  
result to my precious radio gear and foam plane:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_  
AMA # \_\_\_\_\_

Make Checks Payable to "HSS" and mail with this form by  
3/22/96 to: HSS, Att: Carnagesoarus, PO Box 1673, Costa Mesa,  
Calif 92628.



*"HSS Is Orange County R/C Soaring"*