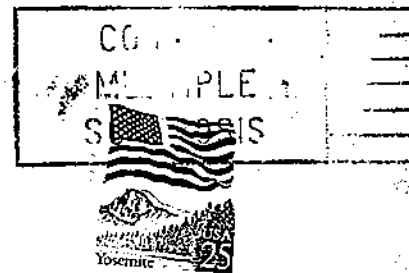


Harbor Soaring Society
P.O. Box 1673
Costa Mesa, CA 92626



FIRST CLASS MAIL

WILL CONRAD
9359 SHRIKE AVE
FOUNTAIN VALLEY, CA 92708



(The Soaring) Society Column

President:	George Joy	(714) 556-6385
Vice Pres:	Rich Garner	(714) 526-6734
Secretary:	Dave Nemecek	(714) 839-4317
Treasurer:	Frank Chasteler	(714) 545-2185
Contest Coord.:	Ross Thomas	(714) 638-0705
General Dir.:	Jared Stalls	(714) 722-1846
News Letter Ed.:	Bob Sliff	(714) 895-1203

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

September 1990

Volume 27 Number 9

September Club Meeting: The September club meeting will be held on Wednesday, September 5, 1990, 7:30 pm at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa, Ca. The Monthly club contest will be on September 9th, field conditions permitting.

October Club Meeting: The October club meeting will be held on Wednesday, October 3, 1990 at 7:30 pm at the Water District Office.

The HARBOR SOARING SOCIETY

MINUTES OF THE AUGUST 1990 MEETING

The meeting was called to order by the Vice President, Rich Garner.

New people: Kirk & Sam Donat--they are flying an Oly II and a Wanderer.

The minutes of the July meeting were approved as published.

The Treasurers report was given by Frank Chasteler, and was approved as read.

The Secretary was reminded that there are two SC2 contests this year sponsored by HSS.

Frank Chasteler discussed the results of the SC2 contest at TOSS this last weekend.

Rich Garner announced that John Lupperger has slides of the F3J in England for this evenings entertainment.

Next Saturday will be "Field Day." Everyone can expect to help with hoeing weeds and raking.

Rich Garner discussed the hazards of flying low back from the slope. He recommended that we stop doing it, because it could lead to someone getting hurt.

Ross Thomas, Contest Coordinator, announced the August contest would be as described in the Aug News Letter. George Joy will be the CD. Ross asked that more people bring winches and retrievers to the contests. The Contest Director will be responsible for contacting all winch and retriever owners and make sure there are enough at each contest.

Old Business:

Will Conrad talked about field flying rules discussed at the Board meeting. A request to publish the rules in the News Letter was made. It is expected that they will be published in the News Letter Quarterly

New 1991 frequency allocations for the club was discussed. The three options that were published in the August News Letter were discussed. No decision was made at this time, with more discussions to take place at the next general meeting.

There was no new Business.

A motion was made to adjourn the meeting. It was seconded and passed.]

Dave Nemecek, Secretary.

HSS 1990 CONTEST SCHEDULE

SEP 9	HSS CLUB CONTEST*
SEP 30	HSS SC2 CONTEST
OCT 6 - 7	VISALIA CONTEST
OCT 6 - 7	ASTRO CONTEST
OCT 14	HSS CLUB CONTEST*
OCT 28	SWSA SC2 CONTEST
NOV 11	HSS CLUB CONTEST*
NOV 18	DUST SC2 CONTEST
DEC 2	TORREY PINES SC2 CONTEST
DEC 9	HSS CLUB CONTEST*

1. The monthly club contest for September :

CD, Herman Hall

It is a sanctioned contest

It will be the "standard" 3 - 5 - 7 format.

2..The Vilasia contest in October falls on a normal Club Contest weekend. As a number of club members normally attend this event, we may wish to postpone our club contest until the following weekend, that is until Sunday the 14th. This will need a motion and a vote of the members present at the Sept Club meeting

3. The listed Astro Contest is the second half of the contest we held this last spring. It will consist of non-soaring events, which will include Aerobatics, Sport Scale, 7 cell Pylon, and Helicopter. It will be held at Sepulveda Basin over the Weekend of the 6th and 7th of October.

THE HSS VIDEO LIBRARY

The following club owned videos are available for viewing.

Name	Comment	Rating (0-5)
Saber Jet	F-86 History/shoot-em-ups	4
Striking Back .....	.....	4
Foam, Fiberglass, Flight .....	.....	4
First Flight .....	.....	0
Monokote 1 & 2	Interesting	3
MIG Killers .....	.....	3
Hook Down, Wheels Down	NAVY Aviation Hist	4
F3E USA Team Selection 1988 ..	Elect flight	none
Dawn Patrol	WWI Movie	4
Thunderbolt, Flight For The Skys .	WWI Air Combat	5

More tapes are being added all the time. All tapes are in VHS format. For information about the tapes ask at the next meeting. (ed.)

**Harbor Soaring Society
OPEN CLASS AUGUST 1990
GEORGE JOY CD**

PLACE/NAME	CLUB CLASS	SCORE	NORMAL	TROPHY
1. MARTIN, T	EXP	2922.0	1000.0	E-1
2. FINK, S	EXP	2919.0	999.0	E-2
3. JOY, G	EXP	2888.0	988.4	E-3
4. STALLS, J	EXP	2804.0	959.8	
5. CHASTELET, F	EXP	2802.0	958.9	
6. ZINK, D	EXP	2799.0	957.9	
7. AMIES, J	ONE ADV	2793.0	955.9	A-1
8. SANDRONI, H	ONE ADV	2792.0	955.5	A-2
9. CHASTELET, T	EXP	2791.0	955.2	
10. WHITE, L	EXP	2787.0	953.8	
11. GARNER, R	EXP	2779.0	951.1	
12. LACKEY, R	ONE SPT	2770.0	950.4	S-1
13. STOKER, P	EXP	2744.0	939.1	
14. CRON, A	TWO ADV	2690.0	920.6	
15. LAIR, D	NONE SPT	2674.0	915.1	S-2
16. GERMANE, B	ONE SPT	2602.0	890.5	
17. RICHARDSON, P	EXP	2562.0	876.6	
18. NEMECEK, D	EXP	2556.0	874.7	
19. DANRICH, D	NONE ADV	2486.0	850.8	
20. BONANNO, T	ONE ADV	2341.0	801.2	
21. THOMAS, R	EXP	2311.0	790.9	
22. HENDRY, S	ONE ADV	1999.0	684.1	
23. LONG, D	NONE ADV	1990.0	681.0	
24. PARSONS, J	TWO ADV	1984.0	679.0	
25. ANKENBAUER, S	NONE SPT	1933.0	661.5	
26. PANTZAR, D	EXP	1857.0	634.5	
27. STOVALL, L	ONE SPT	1825.0	624.6	
28. ANDERSON, V	NONE SPT	1782.0	609.9	
29. RITSCHKE, G	EXP	1370.0	468.9	
30. BUZOLICH, N	NONE SPT	1333.0	456.2	
31. LAWHEAD, G	NONE SPT	1267.0	433.6	
32. DUNCAN, B	NONE SPT	1149.0	393.2	

**TWO METER CLASS
AUGUST CONTEST RESULTS
GEORGE JOY, CD**

PLACE/NAME	SCORE / NORM / TROPHY
1. WHITE, L	2876.0 . 1000.0 . 1
2. MARTIN, T	2851.0 . 991.3 . 2
3. THOMAS, R	2680.0 . 931.8 . 3
4. FINK, S	2659.0 . 924.5
5. HENDRY, S	2630.0 . 914.5
6. RICHARDSON, P	2588.0 . 899.9
7. BONANNO, T	2258.0 . 785.1
8. LAWHEAD, G	2198.0 . 764.3
9. LONG, D	2109.0 . 733.3
10. STOVALL, L	2062.0 . 717.0
11. DUNCAN, B	2031.0 . 706.2
12. JOY, G	1997.0 . 694.4
13. DANRICH, D	1967.0 . 683.9
14. HALL, H	1492.0 . 518.8
15. BUZOLICH, N	1480.0 . 514.6
16. LACKEY, R	1419.0 . 493.4
17. ANDERSON, V	1384.0 . 481.2
18. STOKER, P	1170.0 . 406.8
19. PARSONS, J	891.0 . 309.8

**HSS OPEN STANDINGS
BEST 5 OF 7 CONTESTS**

NAME	STATUS/SCORE/CONTESTS
1. JOY, G	EXP . 4910.6 . 5
2. WHITE, L	EXP . 4906.0 . 5
3. GARNER, R	EXP . 4852.8 . 5
4. ZINK, D	EXP . 4814.4 . 5
5. STALLS, J	EXP . 4761.7 . 5
6. SANDRONI, H	ADV . 4742.7 . 5
7. FINK, S	EXP . 4712.9 . 5
8. NEMECEK, D	EXP . 4667.7 . 5
9. CHASTELET, F	EXP . 4652.0 . 5
10. MARTIN, T	EXP . 4648.5 . 5
11. THOMAS, R	EXP . 4573.9 . 5
12. CRON, A	ADV . 4521.7 . 5
13. RICHARDSON, P	EXP . 4506.3 . 5
14. HENDRY, S	ADV . 4231.3 . 5
15. KUTCH, N	ADV . 4186.4 . 5
16. PANTZAR, D	EXP . 4030.3 . 5
17. GERMANE, B	SPT . 3981.6 . 5
18. RITSCHKE, G	EXP . 3819.9 . 5
19. SLIFF, B	EXP . 3763.3 . 4
20. BUZOLICH, N	SPT . 3691.2 . 5
21. PARSONS, J	SPT . 3669.0 . 5
22. STOVALL, L	SPT . 3567.9 . 5
23. ANDERSON, V	SPT . 3548.8 . 5
24. GIBBS, D	ADV . 3395.3 . 4
25. BONANNO, T	ADV . 3185.3 . 4
26. LONG, D	ADV . 3137.4 . 4
27. DURHAM, G	EXP . 2928.3 . 4
28. AMIES, J	ADV . 2758.4 . 3
29. HENDRY, M	ADV . 2692.5 . 3
30. LOWREY, R	EXP . 2691.8 . 4
31. LUPPERGER, J	EXP . 1920.8 . 2
32. STOKER, P	EXP . 1854.7 . 2
33. COLLETT, M	SPT . 1706.6 . 2
34. JOY, B	SPT . 1631.3 . 2
35. BRATRUD, R	EXP . 1419.1 . 2
36. MILLS, A	SPT . 1371.2 . 2
37. LAWHEAD, G	SPT . 1289.9 . 4
38. LAIR, D	SPT . 1253.6 . 2
39. DUNCAN, B	SPT . 1205.4 . 2
40. NEHRING, C	SPT . 1189.6 . 2
41. LAMPRECHT, D	EXP . 993.2 . 1
42. GERBIN, B	EXP . 984.3 . 1
43. CHASTELET, T	EXP . 955.2 . 1
44. LACKEY, R	SPT . 950.4 . 1
45. BRANDT, D	EXP . 939.6 . 1
46. MAHER, M	SPT . 909.7 . 1
47. DE ROCCO, C	SPT . 853.2 . 3
48. DANRICH, D	ADV . 850.8 . 1
49. ANKENBAUER, S	SPT . 840.0 . 2
50. ANDERSON, J	ADV . 824.8 . 1
51. CHAMBERLIN, R	SPT . 238.1 . 1

**HSS 2 METER YEARLY STANDINGS
BEST 5 OF 7 CONTESTS**

NAME	SCORE/CONTESTS
1. WHITE, L	4720.5 . 5
2. MARTIN, T	4713.0 . 5
3. THOMAS, R	4652.0 . 5
4. JOY, G	4628.5 . 5
5. RICHARDSON, P	4615.7 . 5
6. HENDRY, S	4466.2 . 5
7. FINK, S	4354.8 . 5
8. STOVALL, L	4103.9 . 5
9. PARSONS, J	3871.7 . 5
10. KUTCH, N	3578.3 . 5
11. ANDERSON, V	3479.5 . 5
12. BUZOLICH, N	3319.6 . 5
13. SLIFF, B	3291.8 . 4
14. BONANNO, T	3232.4 . 4
15. LONG, D	2896.2 . 4
16. HALL, H	2375.5 . 3
17. DURHAM, J	2321.5 . 3
18. STALLS, J	1947.0 . 2
19. LUPPERGER, J	1889.8 . 2
20. COLLETT, M	1738.1 . 2
21. JOY, B	1485.3 . 2
22. DUNCAN, B	1283.9 . 2
23. STOKER, P	1182.4 . 2
24. LAMPRECHT, D	954.3 . 1
25. CONRAD, W	801.5 . 1
26. LAWHEAD, G	764.3 . 2
27. DANRICH, D	683.9 . 1
28. LAIR, D	579.9 . 1
29. LACKEY, R	493.4 . 1
30. SANDRONI, H	329.2 . 1
31. CHAMBERLIN, R	210.1 . 1
32. ANKENBAUER, S	187.8 . 1

USA BRINGS HOME SILVER

REPORT ON THE F3E WORLD CHAMPIONSHIPS

by BOB SLIFF

The USA, Southern California, and HSS members and affiliates did good at the E-Power World Champs (Welt Meisterschaft) just held in Friestadt, Austria.

In the world of F3E the United States is Second. We took Silver Medals in both Individual class and in team. In Individual, Jason Perrin truly showed the European competitors that the USA is a factor in F3E competition. While he could not overtake the early perfection of the now three times World Champ, Rudolf Freudenthaler, Jason was often even with the Champion and even exceeded his score on a couple of rounds. Our other two team members did well considering some problems with motor switches costing some laps and in one case a complete flight. Still, they finished with Jerry Bridgeman in 8th and Steve Neu in 9th. It was their strong finish along with Jason's magnificent performance that put the US team above the very strong German and Swiss Teams.

The final results in the top placings were:

1 Rudolf Freudenthaler .. Austria	4885	
2 Jason Perrin	USA	4821
3 Franz Weissgerber	Germany	4748
4 Urs Leodolter	Switzerland ..	4709
5 Jean-Pierre Schiltknecht ..	Switzerland ..	4706
6 Michael Geringer	Austria	4684
7 Helmut Kirsch	Austria	4653
8 Jerry Bridgeman	USA	4639
9 Steve Neu	USA	4636
10 Alfred Hitzler	Germany	4627

(Score is best 7 out of 8 rounds)

The Results in Team were:

1 Austria	14222
2 USA	14096
3. Germany	13984
4 Switzerland	13977
5 France	13345
6 Belgium	12852
7 Italy	12578
8 Australia	12332
9 Netherlands	11592
10 Sweden	11168
11 Great Britain	11071

The world championships covered just 4 days, but these days were preceded by several day of flying events. These included Dawn to Dusk, Wide Span Glider, 7 Cell Pylon, 4 Minute Pylon, International F3E, and Aerobatics. Most of us who attended the affair, flew in the pylon and International F3E, and did reasonably well.

Just for the record, our scores and placings are as follows:

7 CELL PYLON (best scores 2 of 3 rounds)

1 Guy Brouquieres	France	268
2 Werner Dettweiler	Germany	271
3 Volker Keck	Germany	274
4 Jerry Bridgeman	USA	278
5 Andreas Lumme	Germany	283
6 Markus Beckman	Germany	296
7 Brian Chan	USA	304
8 Steve Neu	USA	305
9 Bob Sliff	USA	319
10 Matthias Haas	Germany	325

(17 Contestants)

International F3E (Best scores 2 of 3 rounds)

1 Rudolf Freudenthaler ...	Austria	1416
2 Jason Perrin	USA	1370
3 Steve Neu	USA	1348
4 Michael Geringer	Austria	1337
5 Kurt Hainzl	Austria	1328
6 Peter Meisinger	Austria	1326
7 Jerry Bridgeman	USA	1309
8 Dieter Safarik	Austria	1308
9 Herbert Aigelsreiter ...	Austria	1305
10 Helmut Kirsch	Austria	1301
11 Bob Sliff	USA	1297
13 Brian Chan	USA	1275
20 Keith Finkenbinner	USA	1224
22 Grant Messinger	USA	1219

(41 Contestants)

SOUTHERN CALIFORNIA SOARING CLUBS

INDIVIDUAL STANDINGS AS OF 1 SEP 90

BEST FIVE OF SIX CONTESTS

NAME	CLUB	SCORE			
1 WURTS, J	TOSS	4851.6	5	40 PARSONS, J	HSS .....2916.4 5
2 MARTIN, T	HSS	4910.0	5	41 RITTER, C	.....DUST ...2912.3 4
3 SHELBY, R	ISS	4736.4	5	42 CHASTAIN, B	.....PSS ....2904.1 3
4 STALLS, J	HSS	4736.0	5	43 SLIFF, B	.....HSS ....2885.8 3
5 BRATRUD, R	HSS	4733.3	5	44 HATCH, J	.....DUST ...2865.6 5
6 MORAN, M	TOSS	4675.4	5	45 RAYMOND, K	.....NCC ....2826.2 3
7 CHASTELER, F	HSS	4636.0	5	46 MATSUMOTO, B	.....PSS ....2792.5 3
8 FINK, D	SULA	4631.2	5	47 RITTER, G	.....DUST ...2771.2 3
9 MEIENBERG, K	NCC	4568.5	5	48 PUCHASSKI, M	.....SULA ...2624.4 4
10 VICKERS, D	SULA	4531.1	5	49 RATNER, M	.....PSS ....2591.9 3
11 DOUGLAS, I	SWSA	4519.1	5	50 DOIG, A	.....NCC ....2390.5 3
12 WEISMAN, E	TOSS	4490.9	5	51 EDBERG, D	.....SULA ...2318.3 3
13 JENKINS, H	ISS	4425.6	5	52 GERMANE, B	.....HSS ....2283.4 3
14 HOLLY, M	SWSA	4403.2	5	53 BITZBERGER, J	.....SWSA ...2250.4 4
15 LONG, D	SULA	4400.2	5	54 SHELBY, C	.....ISS ....2202.1 3
16 PETTEN, M	ISS	4382.0	5	55 COLLINS, T	.....SULA ...2138.7 4
17 JOY, G	HSS	4379.3	5	56 DUNCAN, W	.....HSS ....2135.4 3
18 HENDRY, S	HSS	4331.7	5	57 CLIFTON, G	.....SWSA ...2120.4 3
19 SANDRONI, H	SULA	4295.7	5	58 INGEBRITSON, G	.....SWSA ...2064.2 3
20 BUTOVICH, D	PSS	4247.3	5	59 GOLDSMITH, B	.....TOSS ...2060.4 4
21 LARSEN, O	DUST	4241.1	5		
22 RODRIGUEZ, J	ISS	4170.0	5		
23 BONANNO, T	SULA	4146.9	5		
24 OTHON, M	ISS	3876.4	5		
25 HENDRICKSON, E	TOSS	3845.9	4		
26 PERKINS, D	PSS	3813.0	4		
27 CRON, A	HSS	3795.2	5		
28 BROWN, G	ISS	3507.3	5		
29 HIGGENBOTHAM, M	ISS	3424.2	4		
30 BLEDSOE, R	TPG	3413.1	4		
31 RICHARDSON, P	HSS	3397.8	4		
32 FINK, S	SULA	3360.4	4		
33 CHASTELER, T	HSS	3321.4	4		
34 THOMAS, R	HSS	3292.3	4		
35 ANDERSON, G	TPG	3278.4	4		
36 STOKER, P	SULA	3215.7	4		
37 JOY, B	HSS	3168.6	4		
38 ZINK, D	HSS	3149.4	4		
39 TILLMAN, N	NCC	3127.0	4		

TEAM STANDINGS AS OF SEPT 1990

HSS	.....23,107.9
SULA	.....22,141.7
ISS	.....21,379.6
TOSS	.....20,384.6
PSS	.....19,734.7
SWSA	.....16,453.3
DUST	.....15,814.4
NCC	.....14,951.1
TPG	.....10,653.2
EDSF	.....1,158.2
MRCs	.....0.0

SOUTHERN CALIFORNIA SOARING CLUBS

RESULTS OF THE TOSS CONTEST OF 07/29/90
ERIC HENDERSON, CD

PLACE/NAME	CLUB	CLASS	SCORE	NORMAL TROPHY
1. WURTS, J	TOSS	EXP	2968.0	E-1
2. NORENBERG, L	NONE	SPT	2946.0	E-2
3. MARTIN, T	HSS	EXP	2924.0	E-3
4. PERKINS, D	PSS	EXP	2898.0	E-4
5. HENDRICKSON, E	TOSS	EXP	2881.0	E-5
6. REGAN, M	TOSS	EXP	2877.0	
7. STALLS, J	HSS	EXP	2866.0	
8. CHASTELER, F	HSS	EXP	2852.0	
9. DOUGLAS, I	SWSA	EXP	2835.0	
10. MORAN, M	TOSS	EXP	2831.0	
11. MacKENZIE, S	NONE	SPT	2826.0	S-1
12. RATNER, M	PSS	EXP	2808.0	
13. CHASTELER, T	HSS	EXP	2780.0	
14. MATSUMOTO, B	PSS	EXP	2779.0	
15. CHASTAIN, B	PSS	EXP	2771.0	
16. STOKER, P	SULA	EXP	2771.0	
17. GUSTIN, R	DUST	SPT	2767.0	
18. FINK, D	SULA	EXP	2762.0	
19. OTHON, M	ISS	SPT	2760.0	S-2
20. HENDRY, S	HSS	SPT	2751.0	S-3
21. PUCHALSKI, M	SULA	SPT	2746.0	
22. PETTEN, M	ISS	SPT	2720.0	

23. OLDENBERG, E	TOSS	EXP	2667.0	898.6
24. RITTER, G	DUST	SPT	2645.0	891.2
25. SANDRONI, H	SULA	SPT	2631.0	886.1
26. HOLLY, M	SWSA	EXP	2615.0	881.1
27. JENKINS, H	SWSA	EXP	2594.0	874.0
28. LONG, D	SULA	SPT	2594.0	874.0
29. WEISMAN, E	TOSS	SPT	2571.0	866.2
30. MEIENBERG, K	NCC	EXP	2567.0	864.9
31. PETERSON, L	SWSA	SPT	2548.0	858.5
32. BRATRUD, R	HSS	EXP	2547.0	858.2
33. VICKERS, D	SULA	EXP	2538.0	855.1
34. RICHARDSON, P	HSS	EXP	2512.0	846.4
35. HIGGINBOTHAM, M	ISS	EXP	2488.0	838.3
36. SLOBOD, E	NONE	SPT	2477.0	834.4
37. SHELBY, R	ISS	EXP	2475.0	833.9
38. STARK, T	PSS	EXP	2459.0	828.5
39. BONANNO, T	SULA	EXP	2437.0	821.1

40. RODRIGUEZ, J	ISS	SPT	2415.0	813.7
41. LEAL, M	TOSS	SPT	2409.0	811.7
42. COOPER, R	DUST	SPT	2347.0	790.8
43. SWET, B	TOSS	SPT	2275.0	766.5
44. BROWN, G	ISS	SPT	2255.0	759.8
45. CRON, A	HSS	EXP	2168.0	730.5
46. JOY, G	HSS	EXP	2126.0	716.3
47. LARSEN, O	DUST	SPT	2034.0	685.3
48. RITTER, C	DUST	SPT	2031.0	684.3
49. BUTOVICH, D	PSS	SPT	2019.0	680.3
50. DUNCAN, W	HSS	SPT	1962.0	661.1
51. PARSONS, J	HSS	SPT	1926.0	648.9
52. ZINK, D	HSS	EXP	1836.0	618.6
53. INGEBRITSON, G	SWSA	SPT	1713.0	577.2
54. GOLDSMITH, B	TOSS	SPT	1668.0	562.0
55. HATCH, J	DUST	SPT	1519.0	511.8
56. MILLS, A	SULA	SPT	1462.0	492.6
57. COLLINS, T	SULA	SPT	894.0	301.2
58. NORTHERN, D	TOSS	EXP	684.0	230.5
59. LINDLEY, C	NONE	SPT	0.0	0.0

NOTE: Scott MacKenzie advances to Expert

SOUTHERN CALIFORNIA SOARING CLUBS TEAM RESULTS OF THE JULY 1990 TOSS CONTEST

TOSS//10	FSS//6	JSS//7	SWSA//4
1000.0	976.4	929.9	955.2
970.7	946.1	916.4	881.1
969.3	936.3	874.0	858.2
953.8	935.6	838.3	572.2
3893.8	3794.4	3558.6	3272.0
HSS//12	SULA//9	DUST//6	NCC//1
985.2	933.6	932.3	864.9
965.6	930.6	891.2	
960.9	925.2	790.8	TPG//0
936.7	886.5	685.3	EDSF//0
3848.4	3675.9	3299.6	MRCSS//0

SOUTHERN CALIFORNIA SOARING CLUBS RESULTS OF THE NCC CONTEST, 8/28/90

KEITH FINKENBINER, CD

1. LUEKEN, J	NCC	EXP	2969.7	1000.0	E-1
2. MARTIN, T	HSS	EXP	2956.8	995.7	E-2
3. STALLS, J	HSS	EXP	2905.3	978.3	E-3
4. SCHWEMMER, K	NCC	EXP	2895.8	975.1	E-4
5. BILLMAN, T	PSS	EXP	2886.1	971.8	E-5
6. HENDRICKSON, E	TOSS	EXP	2872.9	967.4	
7. DOIG, AL	NCC	EXP	2861.5	963.6	
8. HATCH, J	DUST	SPT	2860.5	963.2	S-1
9. BRATRUD, R	HSS	EXP	2819.8	949.5	
10. HOLLY, M	SWSA	EXP	2813.2	947.3	
11. WARNER, G	NCC	SPT	2798.0	942.2	S-2
12. CRON, A	HSS	EXP	2782.9	937.1	
13. FINN, D	SULA	EXP	2757.9	928.7	
14. CHASTELER, T	HSS	EXP	2757.7	928.6	
15. DOUGLAS, I	SWSA	EXP	2766.1	927.7	
16. SLIFF, B	HSS	EXP	2739.8	922.6	
17. JOY, G	HSS	EXP	2728.8	918.9	
18. RAYMOND, K	NCC	EXP	2727.0	918.3	
19. LARSEN, O	DUST	SPT	2727.6	915.1	S-3
20. RITTER, G	DUST	SPT	2703.7	910.4	
21. CLARK, D	NCC	EXP	2688.3	905.2	
23. GILMAN, R	NCC	EXP	2676.4	901.2	
24. MEIBENBERG, K	NCC	EXP	2674.7	900.7	
25. WEISMAN, E	TOSS	SPT	2652.5	893.2	
26. GUSTIN, R	DUST	SPT	2639.6	888.8	
27. RICHARDSON, P	HSS	EXP	2630.7	885.8	
28. BLEDSOE, R	TPG	SPT	2593.5	873.3	
29. SHELBY, R	ISS	EXP	2576.5	867.8	
30. JENKINS, H	ISS	EXP	2541.8	855.9	
31. GERMANE, B	HSS	SPT	2519.2	848.3	
32. MORAN, M	TOSS	EXP	2512.1	845.9	
33. HENDRY, S	HSS	SPT	2512.0	845.9	
34. LONG, D	SULA	SPT	2501.5	842.3	
35. NEWLOVE, J	NCC	SPT	2488.5	838.0	
36. L-BARRR, R	NCC	SPT	2487.8	837.8	
37. BITZBERGER, J	SWSA	SPT	2481.0	835.4	
38. CHASTELER, F	HSS	EXP	2473.9	833.0	
39. RITTER, C	DUST	SPT	2472.6	832.6	
40. BONANNIO, T	SULA	EXP	2464.8	830.0	
41. FINN, S	SULA	SPT	2460.2	828.4	
42. VAN GUNDT, D	TPG	SPT	2390.1	804.8	

43. BUTOVICH, D	PSS	SPT	2351.9	792.0	
44. SAGE, F	NCC	SPT	2335.8	786.5	
45. OTHON, M	ISS	SPT	2325.1	782.9	
46. SANDRONI, H	SULA	SPT	2317.0	780.2	
47. COLLINS, T	SULA	SPT	2309.5	777.7	
48. THOMAS, R	HSS	EXP	2287.5	770.3	
49. SHERMAN, M	NCC	SPT	2265.3	762.8	
50. STOKER, P	SULA	EXP	2197.9	740.1	
51. ZINK, D	HSS	EXP	2190.0	737.4	
52. PETTEN, M	ISS	SPT	2133.5	718.4	
53. RODRIGUEZ, J	ISS	SPT	2130.4	717.4	
54. STAFFORD, I	NCC	EXP	2125.0	715.6	
55. DANRICH, D	HSS	SPT	2089.3	703.5	
56. ANDERSON, G	TPG	EXP	2078.0	699.7	
57. SIMMER, R	TPG	SPT	2004.6	675.0	
58. POWELL, R	DUST	SPT	1964.8	661.6	
59. CONWAY, P	NCC	SPT	1953.1	657.7	
60. VICKERS, D	SULA	EXP	1948.8	656.2	
61. JOY, B	HSS	SPT	1946.3	655.4	
62. SCHULER, M	DUST	SPT	1622.2	546.3	
63. PARSONS, J	HSS	SPT	1602.8	539.7	
64. GARNER, R	HSS	EXP	1517.2	510.9	
65. JAMES, D	TPG	SPT	1381.1	465.1	
66. MERENDA, K	DUST	SPT	1376.6	463.5	
67. BROWN, G	ISS	SPT	1013.9	341.4	
68. STAHLHEBER, F	NCC	EXP	0.0	0.0	
68. WAGNER, H	NCC	EXP	0.0	0.0	

NOTE: KEITH SCHWEMMER AND GARTH WARNER ADVANCE TO EXPERT

SOUTHERN CALIFORNIA SOARING CLUBS TEAM SCORES FOR THE NCC AUG 90 CONTEST					
NCC/17	DUST/8	ISS/6	SWSA/3	PSS 2	EDSF/0
1000.0	963.9	867.6	947.3	971.8	
975.1	915.1	855.9	927.7	792.0	
963.6	901.4	782.9	835.4	1763.8	
942.2	888.8	718.4	2710.4		
3880.9	3677.5	3224.8			
HSS/17	SULA/8	TPG/5	TOSS/3	MRCs/0	
995.7	926.7	873.3	893.2		
978.3	842.3	804.8	845.9		
949.5	830.0	699.7	2706.5		
937.1	828.4	675.0			
3860.6	3429.4	3052.8			

HARBOR SOARING SOCIETY, COSTA MESA CA

RADIO IMPOUND RULES

1. Place transmitter in the impound area (under HSS sign) by channel # in rows on channel number tapes (if available.) Each transmitter will have a Channel # on the antenna or the top of the transmitter in accordance with AMA specifications.
2. It is required that you have your name on or over your transmitter so that other flyers will know who is up next. (G. Joy has a labeler.)
3. Your position in the row of transmitters determines your turn to fly. Your transmitter coming to the front and the frequency pin coming back in, you may fly.
4. Never turn on your transmitter without a frequency pin.
5. As an extra precaution, always call out your channel numbers as you walk out to fly and as you turn on your transmitter.

6. Upon landing, be sure to collapse your antenna before you walk out to pick up your plane.
7. After flying, return the frequency pin to the pin board, make sure your transmitter is switched off, and return your transmitter, with the antenna collapsed, to impound behind the other transmitters in your row. Do not remove your transmitter from impound unless you are going to fly or are leaving for the day.
8. After flying of Electric models, make sure your airborne pack is turned off and make sure the motor arming switch is off or the airborne pack is disconnected.
9. Make double sure that your transmitter power switch is off.

GENERAL FIELD RULES AND FIELD SAFETY RULES

1. Do not fly at low altitude over the pit area.
2. All winch launching shall be in a Westerly direction from the launch area. Electric powered models will be launched/ROG'd to the North of the winch launch area in a Westerly, Northerly, or Easterly direction.

EXCEPTIONS:

- a) Relocation of the pits and launch area to the Western end of the field.
 - b) Electric powered models, in the event of South winds, may be launched to the South or East provided launching is not over the pit area and is clear of people.
3. All pilots shall fly standing in the area "B" (between the bike path and the landing area,) or in area "C" well clear of the winches, and not East of area "D" (the landing area.) In order to minimize intermodulation possibilities, pilots should not stand in tight groups.
 4. All Electric power planes (planes other than pure soaring types) shall be flown only to the North of the launching and standing area "C" when operating at low altitudes. F3E models doing laps should operate in the area between the winches and the bluff "E" so that the landing approach area is kept clear for landing models. A flight assistant should accompany the flyer during operation of the model for safety guidance.

5. Hand launching of models either for test gliding or for thermal hunting shall take place to the North of the winch launch and pilot standing area "C & D". (Obviously a pilot hand launching does not have to stand in the normal pilot standing area.)
6. All intentional low level approaches to landing shall be from the North and East. All high speed approaches shall be to the North of the winch launch and pilot standing area C & D, and shall not carry into the launching or standing area.
7. Under most circumstances, launching models have right of way over sailplanes in flight. But, the bottom line is to maintain courtesy and consideration for others whether you are flying or launching. (Note: Right of way for launching models is an AMA rule for contest flying, where the intention is to keep flying sailplanes from holding up launches and thus delaying the operation of a contest.)
8. When other flyers are on your frequency, you should limit your flight to 15 or 20 minutes. This courtesy time limit also applies to Electrics and Hand Launch thermal hunting,

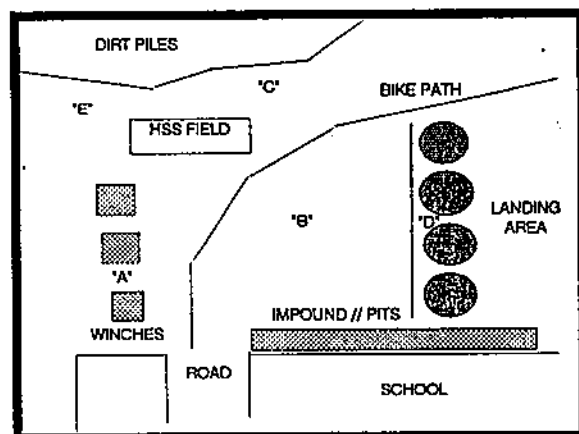
but is not intended to limit the number of hand launches made in search of thermals. (Remember, common courtesy prevails!) Exceptions to this are if one is attempting to achieve an LSF goal or if prior arrangements have been made with the other flyers on one's frequency.

9. The AMA safety code requires that your model be identified with your name and address or AMA number on or in your model. (Note: For AMA sanctioned contests, all nonscale and non-indoor models "... shall be identified by the contestants AMA licence number permanently affixed to the upper side of the right hand lifting surface... [with the] height of the numerals... [being] at least one inch or 1/3 of the wing root chord, which ever is less.")

10. Visiting pilots from other clubs are welcome on a limited basis with proof of AMA insurance.

11. Beginner pilots are welcome, and we will offer help in learning to fly through our Club Trainer Program.

12. Be aware of full scale aircraft over flying our field. Always give right-of-way to, and avoid flying in the proximity of full scale aircraft. Have another flyer spot for you to help you maintain clearance. As the FAA has chosen the Huntington Beach Steam Plant as a reporting point, full scale airplanes often fly directly over us.



**HARBOR SOARING SOCIETY
(SC 2) CONTEST
SEPTEMBER 30th, 1990**

SIGN IN: 8:00 AM
 PILOTS MEETING: 8:45 AM
 FIRST FLIGHT: 9:00 AM
 SIGN-UP CLOSES: 9:45 AM

CONTEST DIRECTOR
 ROSS THOMAS (714) 638-0705

ENTRY FEES: \$6.00

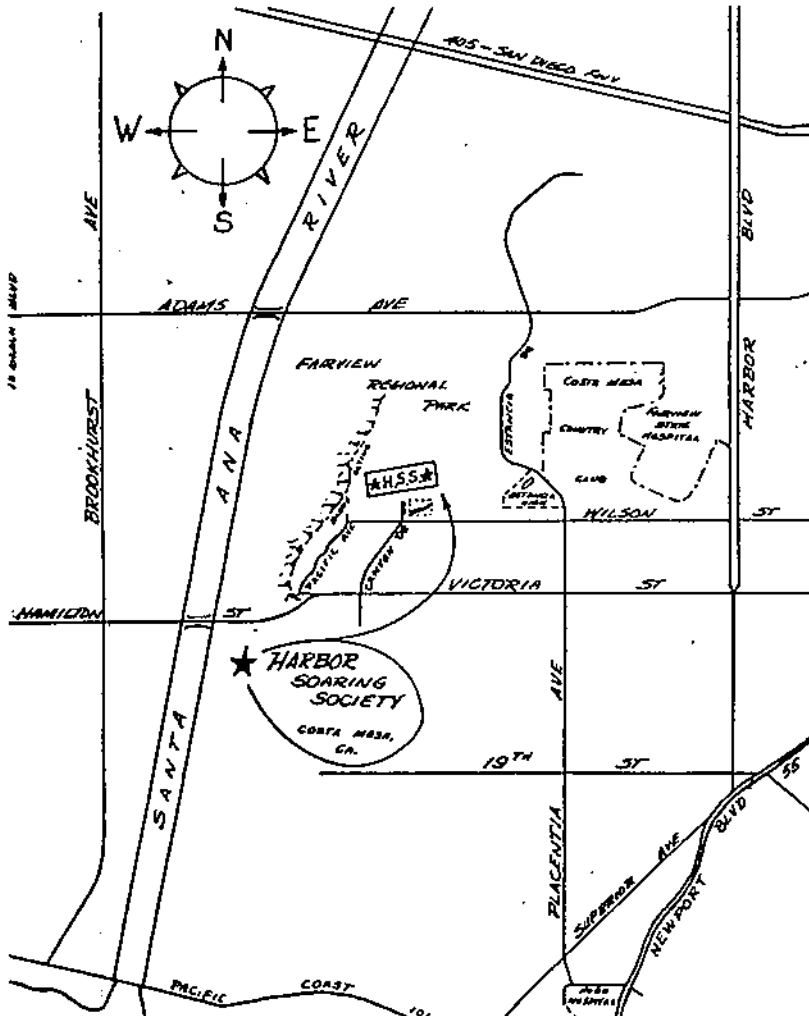
THE FOLLOWING AMA RULES ARE WAIVED.

5d--Two contestants may fly the same model.
 7.2a--No re-launch due to collision in flight.
 7.2c--Re-launch due to launch system malfunction
 must be declared within 10 seconds.

ROUND #1 }
 ROUND #2 }
 ROUND #3 }

CONTESTANT FLYS EITHER A,B, or C PILOTS OPTION.

- (A) 3 Minute flight at 700 points. 4 points/second off of time. Landing at 300 points.
- (B) 5 minute flight at 800 points. 3 points/second off of time. Landing at 200 points.
- (C) 7 minute flight at 900 points. 2 points/second off of time. Landing at 100 points.



STANDARD 25 FOOT LANDING CIRCLE.

WINCHES ARE ALL 12 VOLT.

LINE LENGTH IS 600 FEET.

LANDING SURFACE IS DIRT AND
 MOWED WEEDS.

COME ONE, COME ALL!