



THE OLDEST CHARTERED
SOARING CLUB
IN THE
A.M.A.



CHARTER # 128

1991 JULY MEETING

THE JULY MEETING WILL BE
HELD ON WEDNESDAY, JULY
3, 1991 AT 7:30 P.M.

LOCATION: CLUBHOUSE AT
LAKES AT SEABRIDGE CON-
DOS. SEE MAP AND INSTRU-
CTIONS INSIDE.

MARK HAMBELTON FROM
D.C.U. AIRCRAFT WILL BE
THE GUEST SPEAKER.



P.O. Box 1673
Costa Mesa, CA 92628



FIRST CLASS MAIL

WILL CONRAD
9359 SHRIKE AVE
FOUNTAIN VALLEY, CA 92708

JULY 1991



**(The Soaring)
Society Column**

President:	Norm Kutch	(714) 662-0182
Vice Pres.:	Jim Parsons	(714) 636-9867
Secretary:	Brian Germane	(714) 241-3878
Treasurer:	Frank Chasteler	(714) 545-2185
Contest Coord:	Ben Clerx	(714) 721-8848
General Dir:	Bob Sliff	(714) 895-1203
Newsletter Ed:	John Ostrowski	(714) 847-4871

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 John Ostrowski in person or by mail to: 8902 Lawrence Ave, Westminster, CA 92683.

Club Minutes

The meeting was called to order at 7:35 p.m.. The minutes were accepted as printed. No new faces were present. Frank Chasteler gave the treasurer's report and it was accepted.

OLD BUSINESS

New suggestions were given for a name for our newsletter.

NEW BUSINESS

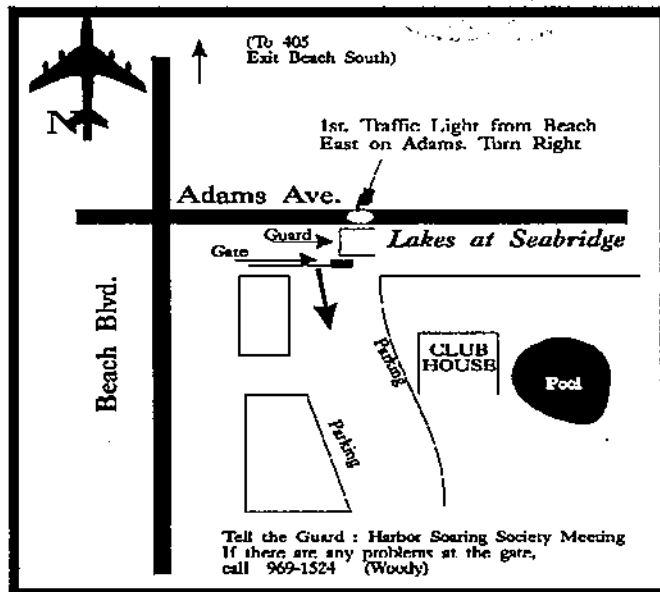
Keith McLellan gave all the details about the slope race that he is going to C.D.. Much discussion ensued. Proposed date is sometime in August. Additional details available from Keith. A discussion occurred concerning certain field records [i.e. distance, duration, altitude, etc.].

The meeting was closed at 8:50 p.m..

Brian Germane, Secretary

MEETING LOCATION

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. A big THANKS to Woody Grosvenor!



PRESIDENT S COLUMN

Well, Norm was either flyin' or fishin' this month 'cause he sure wasn't writin'. Maybe next month.

THE NAME GAME - PART II

Okay, we're rolling now. the names are starting to pour (well, at least trickle) in for a new title for our newsletter. Presented below is the complete list so far, if you have any additional suggestions, let the editor know. The Prez. says we will make a decision real soon now, so don't delay.

Zeypher, Thunderhead, Zero-Sink, Winch Lines (already used), Thermal Currents, Air Waves, Bench Flyer, Fairview Flyer, Sailplane Flyer, Glider Guider, WindBreaker, Cu-Chaser, Hot Air, Slipstream, Wing Tips (already used), Fairview Hawker, Endless Thermal, Dust Devil, Super Thermal, Friendly Zeyphers, Sailplanes & Zeyphers, Eagle's Nest, Buzzard's Lair, Thermal News, Thermal Hunter, Thermal Seeker, Thermal Flyer, Pop-Off.

If you've got a favorite among these, let the editor know.



Editor's Note: THERMAL HUNTING - PART II will appear next month.

ship on the basis of landing points - time was again a tie. Blair finished second with his Super Plank. Two firsts for Tony, outstanding.

Overall, good flying conditions, good flights, and a good time was had by all.

June Contest Report

by Pete Young

On the 9th of June, CD Frank Chasteler opened the June HSS monthly with detailed rules for the day: 3 rounds add-em-up, 20 minutes total, only even whole minutes count, standard 100 point landing tape. Flight times used as factor of 3 to compute flight points. a perfect score was 1200 secs. X 3, plus 3 100 point landings: 3900 points. this format was quite a change from the standard 3-5-7 format and created some interesting tactical situations.

Weather conditions were quite good all day, with many long flights recored in the early rounds under calm and gray skies. Morry Smith decided to complete all his flying in the first round, flying a 20 minute flight with a good landing; this tactic dispensed with 200 possible landing points in rounds 2 and 3 but took advantage of good early lift.

As the skies cleared around mid-day, lift got to be quite strong but so did the down air. Wind direction remained favorable for westerly spot landings all day.

Some statistics: 16 entrants in Two-Meter, 14 in Open Sportsman, 6 in Open Advanced, and 20 in Open Expert. Frequency jam-ups were not bad with 3 fliers on channel 30 in Two-Meter and 3 fliers on 38 in Open.

When the flying was complete, Tony Martin took first in Two-Meter with his modified Snipe. Pete Richardson was second with his Sagitta 600 and George Joy took third with a Gnome.

In Open Sportsman, newsletter editor and first-time competitor John Ostrowski took first with his Paragon (don't ask about his 2M scores) (You got that right - Ed.), and Dan Lair took seconf with an Aquila. Flying as a Sportsman, Bryan Joy won Advanced with his LJMP Pantera and moved to Advanced. Brian Germane was second in Advanced with a Gemini. Great flying from both the B's, both Juniors!

In Open Expert, Rich Garner took third with his Cheetah. Tony Martin and Blair Atwell tied for first at the end of three rounds. Tony and Blair flew a two-minute precision flyoff round. Tony took first in his white composite Two-meter

JULY CONTEST

Ross Thomas, C.D.

Date: July 7, 1991

Format: 4-7 (Tune-up for July SC²) . Surprise Landing Procedure. Details will be provided at the July meeting.

Schedule: Pilot's meeting at 8:45 A.M. First round at 9:00 A.M.

Launch Order: Open Class will fly first each round.

DAWN TO DUSK CHALLENGE

by Pete Young

Tired of flying 3 minute precision flights? want to try to fly for an hour or more in thermal duration? As noted in the April newsletter, Pete Young is organizing a DAWN-TO-DUSK SAILPLANE CHALLENGE. The objective is for organized teams to keep at least one glider in the air for a 12 hour period; thermal duration only, sorry slopers. This event is a Postal competition initiated by Leroy Satterlee, sailplane columnist of R/C Report. the flying date is (tentatively) the third weekend in August. The winning strategy is for team members to put in the fewest number of looong flights during the day. If you are intrigued by the challenge of flying a sailplane for extended flight times, contact Pete Young at (714) 892-3473 for more details.



PILOT OF THE MONTH

Our Pilot of the Month for June is a former President and significant contributor to H.S.S.:



George Joy

Occupation: Field Service Engineer - Computer Repair. For Honeywell, Inc. Presently working in San Diego.

Started flying sailplanes: 1985

Reason for Interest: Have always been interested in aircraft (models & full size). Was in Hobby Shack one day looking at sailplanes and met Will Conrad who informed me about the club and how to get started.

First R/C sailplane: Wanderer fuselage with a Gentle Lady wing (used).

Favorite part of the Sport: Spirit of competition and teaching others to fly.

Goal for 1991: To learn how to use flaps effectively.

Current gliders: Newest is a Falcon 880. Also a Cheetah, Three-meter Gnome, Two-meter Gnome, Pantera.

Greatest flying strength: Consistency.

Advice for beginning pilots: Get as much help as you can from the best pilots you can. Start competition flying as soon as you can. Always use an Expert pilot for your timer, he will be able to help you get your flight time and landing ad you will learn techniques much quicker. Practice, practice, practice.

SWAP SHOP

FOR SALE: TOP FLITE ANTARES, 100 in. span sailplane kit, \$55.00. **VOLT-OHM-AMP METER**, 0-1000 volts DC - 12 ranges, 0-1000 volts AC - 8 ranges, 0-20 MegOhms - 5 ranges, 0-10 Amps - 10 ranges, \$25.00.

Call after 6:00 P.M. Ask for Dave. 839-4317

WANDERER with Airtronics 4 channel Vanguard FM radio (gold sticker). good beginning setup: \$125. **MFA HIGH SIERRA 2-meter**. Polyhedral, glass fuse, foam-core sheeted wings. Penetrates well, good first slope ship. No radio gear. \$75 or best offer. Call 847-4871 ask for John.

Futaba G-Series 7-channel with a micro 4-channel receiver on channel 40 AM, **NOT GOLD STICKERED** with servos, \$40 or best offer. **Gnome hand-launch glider kit**, \$15. **Speed Astir**, 1/5 scale glider kit, glass fuselage, built-up wings, some scale documentation, \$80. Contact: Dennis Brandt (714) 821-4181 (leave message).

Place your ad in Swap Shop for the low, low price of - FREE. Just make sure you provide the information to the editor by the 15th. of the month. Ads must be renewed each month. Please indicate whether radio equipment meets 1991 standards.

EDITOR'S NOTES

Beginning with this issue, Roger Lackey has graciously volunteered to reproduce the club newsletter. Roger informs me that he has the capability to do near-photo quality half-tones so the photo reproductions should look much better - so get out there and take some photos for the newsletter! You may also notice that H.S.S. has added a slope race in August. This is an experiment for what we hope will become a great addition to our contest calendar. Ketih McLellan is C.D. and he will need a lot of help to make this work. Contact Ketih at (714) 832-9257 and volunteer your services. The HAM-fest on June 22-23 forced postponement of the sailplane/electric contest. Stay tuned for a new date.

1991 CONTEST SCHEDULE - Ben Clerx Contest Coordinator

DATE	CONTEST
July 7	HSS Club Contest
July 12 - 21	AMA Nationals (Lawerenceville, Il)
July 28	SC ² North County Clouds
August 11	HSS Club Contest
August 16-17	F3E Team Selection (Bid by HSS) (18th. makeup)
August 18	SC ² Pasadena Soaring Society
August 24	HSS Sponsored Slope Soaring Contest (25th. Makeup)
September 8	HSS Club Contest
September 29	SC ² Harbor Soaring Society
October 5-6	CVRC SoaringFest (Visalia)
October 13	HSS Club Contest
October 27	SC ² Silent Wings Soaring Association
November 10	HSS Club Contest
November 24	SC ² Harbor Soaring Society Lee Renaud Memorial
December 8	HSS Club Contest



HSS VIDEO LIBRARY

NAME	COMMENT	RATING (0-5)
RC Video Magazine (Vol. 7 - 86)		
Striking Back		4
Foam, Fiberglass, Flight		4
Tournament of Champions (88)		
Monokote 1 & 2	Interesting	3
MIG Killers		3
Hook down, Wheels Down	Navy Aviation Hist	4
F3E - Bridgeman's Plane		
Electric Flight		none
Dawn Patrol	WWI Movie	4
Thunderbolt, Flight for the Skys	WWI Air Combat	5
F3E USA Finals 6 -22-88		

More tapes are being added all the time. All tapes are VHS format. For information about borrowing a tape, ask at the next meeting.

HSS JUNE CONTEST - OPEN DIVISION

PLACE	NAME	CLASS	SCORE	NORMALIZED	TROPHY
1	MARTIN TONY	EXPERT	3852.0	1000.0	1ST. EXP.
2	ATWELL BLAIR	GUEST	3852.0	1000.0	2ND. EXP.
3	GARNER RICH	EXPERT	3831.0	994.5	3RD. EXP.
4	SLIFF BOB	EXPERT	3830.0	994.3	
5	JOY BRYAN	SPORTSMAN	3809.0	988.8	1ST. ADV.
6	EDBERG DON	EXPERT	3798.0	986.0	
7	FINK STEVE	EXPERT	3783.0	984.7	
8	ZINK DON	EXPERT	3787.0	983.1	
9	GERMANE BRIAN	ADVANCED	3787.0	977.9	2ND. ADV.
10	SANDRONI HUGO	ADVANCED	3751.0	973.8	
11	THOMAS ROSS	EXPERT	3748.0	972.5	
12	COLLINS TAYLOR	EXPERT	3742.0	971.4	
13	POULSEN GORDON	EXPERT	3712.0	963.7	
14	RICHARDSON PETE	EXPERT	3684.0	956.4	
15	LACKEY ROGER	ADVANCED	3675.0	954.0	
16	DANRICH DAN	ADVANCED	3667.0	952.0	
17	CRON AL	EXPERT	3666.0	951.7	
18	CHASTELER FRANK	EXPERT	3665.0	951.5	
19	PANTZAR DICK	EXPERT	3658.0	949.8	
20	JOY GEORGE	EXPERT	3658.0	949.1	
21	OSTROWSKI JOHN	SPORTSMAN	3627.0	941.6	1ST. SPTS
22	SMITH MORRY	ADVANCED	3616.0	937.7	
23	LAIR DAN	SPORTSMAN	3574.0	927.8	2ND. SPTS
24	NEMECEK DAVID	EXPERT	3568.0	926.3	
25	AZVEDO GEORGE	SPORTSMAN	3536.0	918.0	
26	PARSONS JIM	SPORTSMAN	3460.0	903.4	
27	WHITE LARRY	EXPERT	3477.0	902.8	
28	NEHRING CURT	SPORTSMAN	3435.0	891.7	
29	COLLETT MATT	SPORTSMAN	3432.0	891.0	
30	RITSCHKE GORDON	EXPERT	3423.0	888.8	
31	BYRNE JIM	SPORTSMAN	3296.0	855.7	
32	MILLS ARCHIE	SPORTSMAN	3289.0	853.8	
33	KUTCH NORM	EXPERT	3250.0	843.7	
34	YOUNG BRETT	SPORTSMAN	3236.0	840.1	
35	RESETAR EDWARD	SPORTSMAN	2728.0	708.2	
36	HENDRY STEVE	ADVANCED	2120.0	550.4	
37	LONG DICK	ADVANCED	2035.0	528.3	
38	GREENE DENNIS	SPORTSMAN	1983.0	514.8	
39	McLELLAN KEITH	SPORTSMAN	1715.0	445.2	

*BRYAN JOY MOVES TO ADVANCED

HSS JUNE CONTEST - TWO METER

PLACE	NAME	SCORE	NORMALIZED	TROPHY
1	MARTIN TONY	3862.0	1000.0	1ST.
2	RICHARDSON PETE	3827.0	990.9	2ND.
3	JOY GEORGE	3817.0	988.3	3RD.
4	SLIFF BOB	3813.0	987.3	
5	JOY BRYAN	3811.0	986.8	
6	LACKEY ROGER	3808.0	986.0	
7	PARSONS JIM	3677.0	952.1	
8	WHITE LARRY	3572.0	924.9	
9	LAIR DANIEL	3564.0	922.8	
10	THOMAS ROSS	3560.0	921.8	
11	NEHRING CURT	3531.0	914.3	
12	FINK STEVE	3518.0	910.9	
13	KUTCH NORM	3037.0	788.4	
14	MILLS ARCHIE	1974.0	511.1	
15	LONG DICK	1743.0	451.3	
16	OSTROWSKI JOHN	750.0	194.2	

HSS YEAR-TO-DATE STANDINGS
OPEN CLASS

PLACE	NAME	CLASS	SCORE	CONTESTS
1	CHASTELER FRANK	EXPERT	5673.4	6
2	ZINK DON	EXPERT	5647.1	6
3	KUTCH NORM	EXPERT	5438.3	6
4	LACKEY ROGER	ADVANCED	5337.8	6
5	FINK STEVE	EXPERT	5323.1	6
6	RICHARDSON PETE	EXPERT	5235.7	6
7	SMITH MORRY	ADVANCED	5219.3	6
8	WHITE LARRY	EXPERT	5211.4	6
9	THOMAS ROSS	EXPERT	5172.2	6
10	NEMECEK DAVID	EXPERT	5162.8	6
11	PANTZAR DICK	EXPERT	5160.8	6
12	CRON AL	EXPERT	5130.2	6
13	JOY BRYAN	SPORTSMAN	5092.4	6
14	YOUNG BRETT	SPORTSMAN	4872.7	6
15	RITSCHKE GORDON	EXPERT	4800.8	6
16	JOY GEORGE	EXPERT	4790.8	5
17	SLIFF BOB	EXPERT	4602.9	5
18	GARNER RICH	EXPERT	4457.4	5
19	DANRICH DAN	ADVANCED	4432.6	5
20	GERMANE BRIAN	ADVANCED	4320.6	5
21	NEHRING CURT	SPORTSMAN	4104.7	5
22	MARTIN TONY	EXPERT	3991.0	4
23	PARSONS JIM	SPORTSMAN	3947.9	5
24	HENDRY STEVE	ADVANCED	3802.0	5
25	GERBIN ROBERT JR	EXPERT	3800.0	4
26	POULSEN GORDON	EXPERT	3795.2	4
27	GERBIN BOB	EXPERT	3741.5	4
28	SANDRONI HUGO	ADVANCED	3641.8	4
29	GATES MATTHEW	ADVANCED	3600.6	4
30	RESETAR EDWARD	SPORTSMAN	3423.0	4
31	LAIR DAN	SPORTSMAN	3250.7	4
32	EDBERG DON	EXPERT	2976.5	3
33	RENAUD TIM	EXPERT	2892.4	3
34	BUZOLICH NICK	SPORTSMAN	2781.4	4
35	LUPPERGER JOHN	EXPERT	2779.7	3
36	COLLETT MATT	SPORTSMAN	2489.6	4
37	MILLS ARCHIE	SPORTSMAN	2479.8	3
38	LONG DICK	ADVANCED	2430.7	4
39	BOESE JIM	SPORTSMAN	2338.2	3
40	McLELLAN KEITH	SPORTSMAN	2314.6	3
41	CLEFX BEN	EXPERT	1956.3	2
42	STALLS JARED	EXPERT	1848.2	2
43	SCHOFRO STEVE	SPORTSMAN	1753.5	2
44	CHAMBERLIN RALPH	SPORTSMAN	1664.8	2
45	GIBBS DUANE	ADVANCED	1583.3	2
46	VON GROTE BRAD	SPORTSMAN	1317.9	2
47	STOKER PAT	EXPERT	992.2	1
48	OSTROWSKI JOHN	SPORTSMAN	941.8	1
49	AZVEDO GEORGE	SPORTSMAN	918.0	1
50	STOVALL LEE	SPORTSMAN	915.5	1
51	HARRIS PHIL	EXPERT	882.5	1
52	BYRNE JIM	SPORTSMAN	855.7	1
53	DUNCAN BILL	SPORTSMAN	808.6	1
54	CONRAD WILL	ADVANCED	789.8	1
55	STOVALL WILL	SPORTSMAN	705.5	1
56	HARVEY TIM	SPORTSMAN	877.0	1
57	GROSVENOR WOODY	SPORTSMAN	583.5	1
58	GREENE DENNIS	SPORTSMAN	514.8	1

TWO METER

PLACE	NAME	SCORE	CONTESTS
1	RICHARDSON PETE	5838.3	6
2	THOMAS ROSS	5476.4	6
3	KUTCH NORM	5431.3	6
4	WHITE LARRY	5311.1	6
5	JOY BRYAN	4971.8	6
6	JOY GEORGE	4792.9	5
7	SLIFF BOB	4608.7	5
8	FINK STEVE	4518.5	5
9	NEHRING CURT	3994.8	5
10	MARTIN TONY	3897.6	4
11	LACKEY ROGER	2351.9	3
12	LONG DICK	2317.3	4
13	EDBERG DON	1956.5	2
14	PARSONS JIM	1773.6	2
15	McLELLAN KEITH	1699.3	2
16	HENDRY STEVE	1608.1	2
17	CHAMBERLIN RALPH	1589.5	2
18	BUZOLICH NICK	1446.7	2
19	ANKENBAUER STEVE	1294.1	2
20	MILLS ARCHIE	1088.3	2
21	HALL HERMAN	942.1	1
22	LAIR DANIEL	922.8	1
23	DONAT KURT	655.9	1
24	CONRAD WILL	842.6	1
25	OSTROWSKI JOHN	194.2	1





SPONSORED BY: HARBOR SOARING SOCIETY

DATE: SATURDAY, AUGUST 24, 1991 (MAKE-UP AUGUST 25)

LOCATION: FAIRVIEW PARK BLUFFS WEST OF H.S.S. FIELD

ENTRY FEE: \$5.00

CONTEST DIRECTOR: KEITH McLELLAN (714) 832-9257

REGISTRATION: 11:00 A.M.

The race will be flown on Saturday, allowing a continuation on Sunday if weather or other factors do not cooperate.

Pilots may compete in only one of two divisions. Division 1 is for the more experienced pilots or competitive planes while Division 2 is aimed at those who want to experience a slope race without the burden or expense of special models or equipment.

Division 1: OPEN CLASS (Any model type or size)
No wing-loading limit
8 Laps, around 3 pylons

Division 2: Rudder/Elevator only (spoilers ok)
No size limit
No wing-loading limit
6 laps, around 2 pylons

The following rules apply to both divisions:

3 Rounds of competition, plus fly-offs for ties

4 planes per heat maximum

1st. place finisher in each heat is timed

In the event of a frequency conflict in a fly-off, each pilot may be required to fly for time if no other solution exists

All pilots must be current A.M.A. members

All models must display pilot's A.M.A. number (minimum 1 inch high)

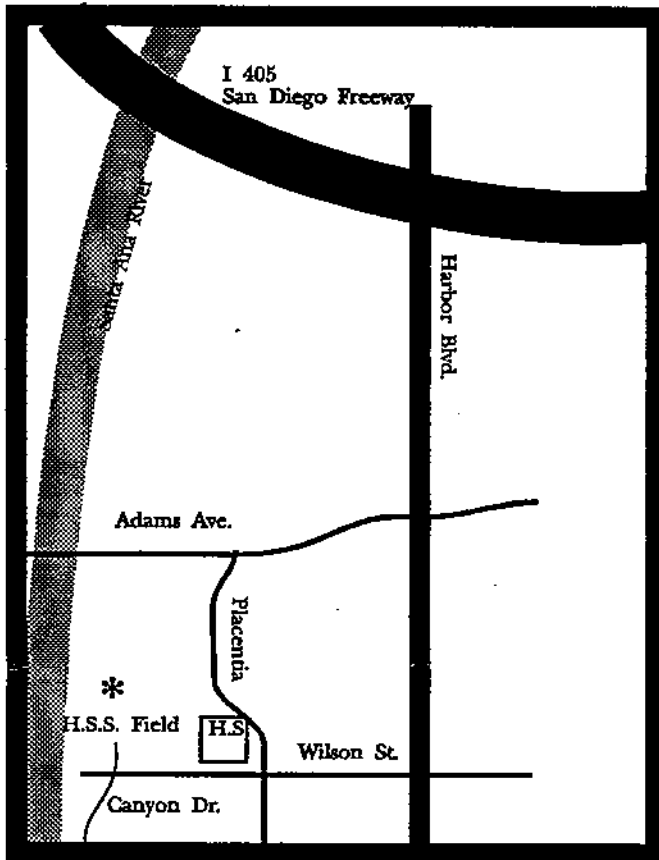
All radios must be 1991 Gold-stickered

For further information, contact Keith McLellan or Ed Resetar at (714) 832-9257



Harbor Soaring Society Flying Field

Fairview Park, Costa Mesa



DIRECTIONS:

Exit I 405 at the Harbor Blvd. Exit, proceed south on Harbor Blvd.

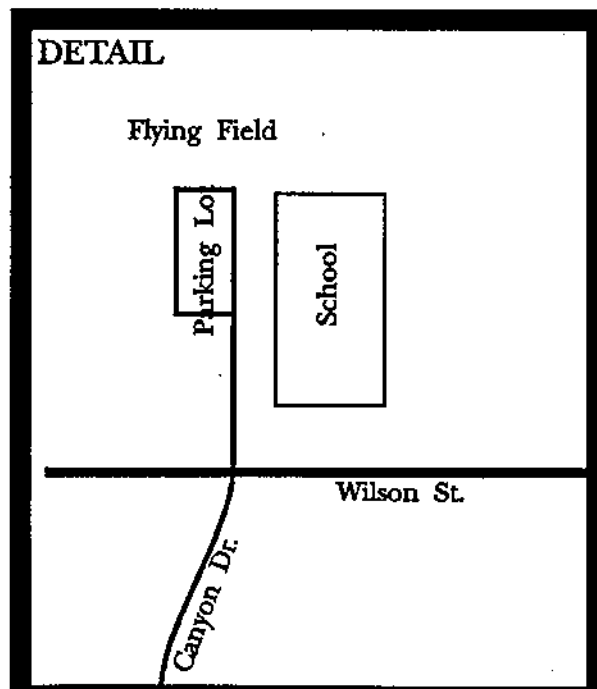
Make a RIGHT turn on Adams Ave., heading west.

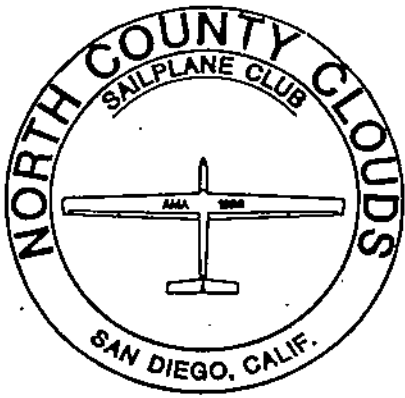
Make a LEFT turn on Placentia, heading south.

One block past Estancia High School, make a RIGHT turn on Wilson St.

Make a RIGHT turn at Canyon Dr. Proceed to the end of the street to park.

The H.S.S. flying field is directly ahead. The bluffs are to the left.





NORTH COUNTY CLOUDS JULY SC2 CONTEST ANNOUNCEMENT

WHERE: North County Clouds Field in San Marcos, CA.
Located at the intersection of Linda Vista Rd.
and Via Verz Cruz. Map on reverse side.

WHEN: July 28, 1991. Pilots meeting at 9 AM. Registration
begins at 8 AM.

EVENTS: • 3 rounds of Thermal Precision Duration.

• Choice of 1 of 2 target times for each round.

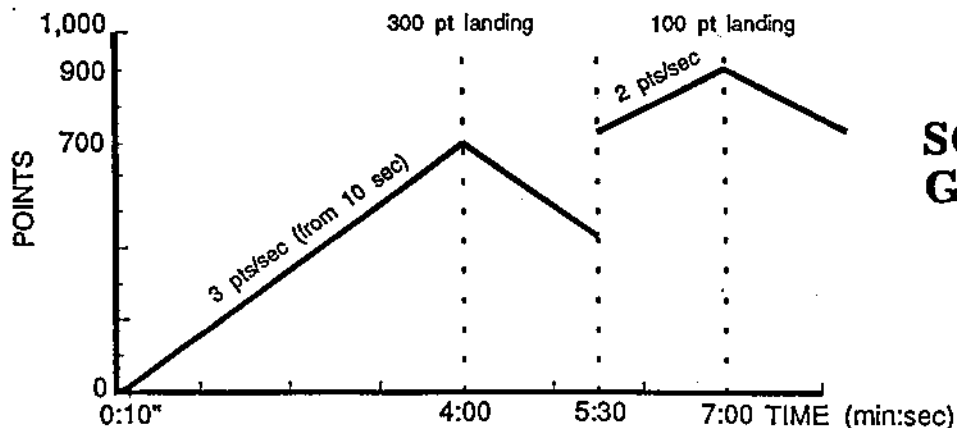
- Target time 1=

4 minute duration scored at 3 points per second
penalty (from 4 minutes). 700 maximum flight points.
300 landing points on 25' tape. Times over 5'30.00"
scored as Target Time 2 (7 minute).

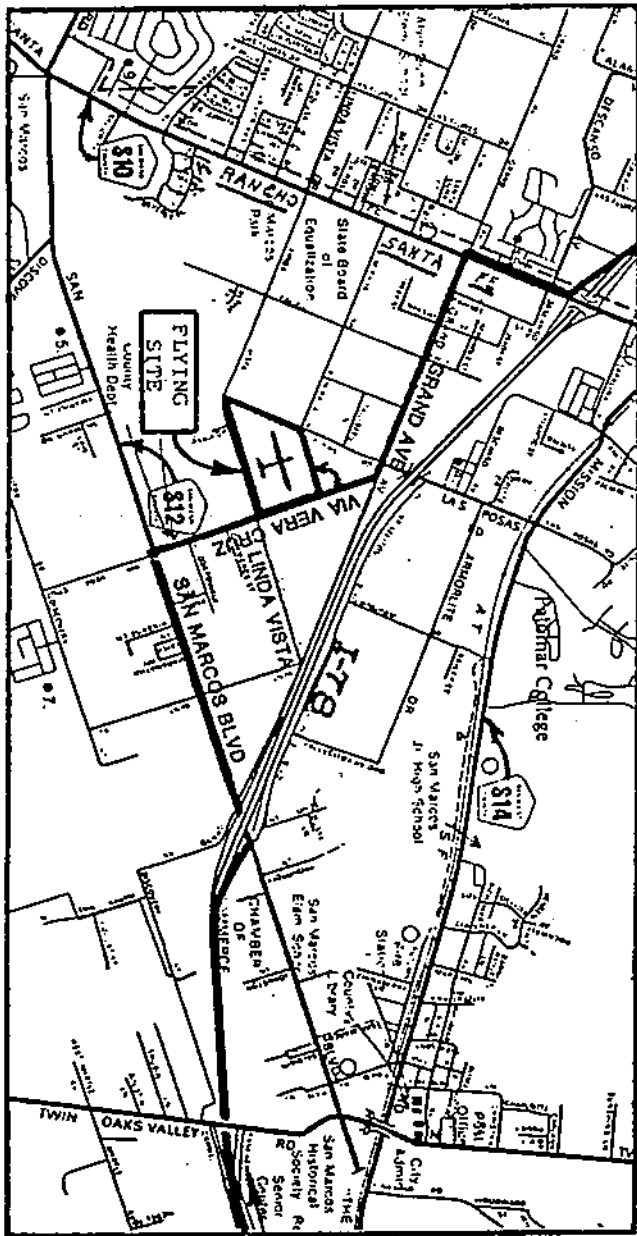
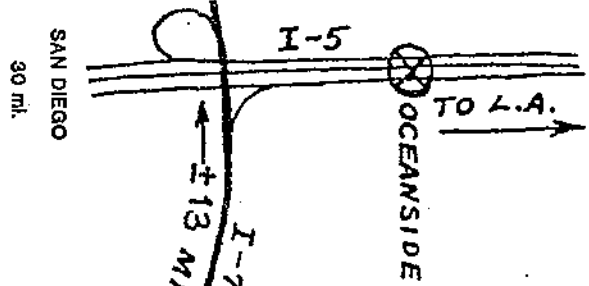
- Target time 2=

7 minute duration scored at 2 points per second
penalty (from 7 minutes). 900 maximum flight
points. 100 landing points on 25' tape. All flights
over 5'30.00" scored as a 7 minute flight.

DETAILS: Open launch order. Cut-off times announced for
each round. Crowded frequencies subject to
call-up. SCSC rules in force. NCC field rules must
be observed. CD Ken Raymond (619) 748-3692.



**SCORING
GRAPH**



NORTH COUNTY CLOUDS SATURNIANE CLOUD
FLYING SITE
SAN MARCOS, CALIFORNIA
SAN DIEGO COUNTY

