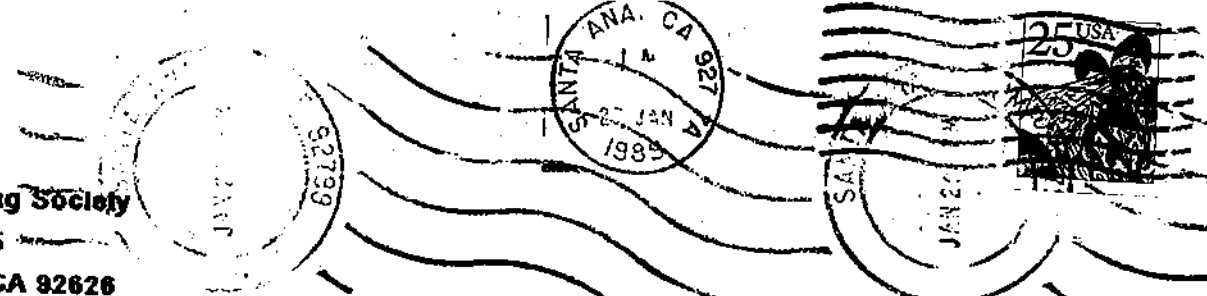


Harbor Soaring Society
P.O. Box 1965
Costa Mesa, CA 92626



FIRST CLASS MAIL

WILL CONRAD
9359 SHRIKE AVE
FOUNTAIN VALLEY, CA 92708



Society Column

| | | |
|----------------|----------------|----------------|
| President: | Chris Hurley | (714) 951-2560 |
| Vice Pres: | Roger Lowery | (714) 756-9356 |
| Secretary: | Jared Stalls | (714) 772-1846 |
| Treasurer: | Frank Chastler | (714) 545-2185 |
| Contest Coord: | George Joy | (714) 556-6385 |
| General Dir: | Ross Thomas | (714) 638-0705 |
| NL Editor: | Bob Sliff | (714) 895-1203 |

"The Oldest Sanctioned Soaring Club In the AMA"
Chapter # 28

February 1989

Volume 26 Number 2

February Club Meeting: The February club meeting will be held on Wednesday, Feb 1, 1989 at 7:30 pm at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa, Ca. The program for the meeting will be Videos of us. Will Conrad will show his video of all of us launching at the January Contest. Come and analyzer your launching and see how the "winners" launched. The February contest will be held on Sunday, February 5th. Ross Thomas will be the Contest Director. See "Contest Department" (below) for details. (Note: Exchange/return of Video Tapes is available at the meeting and the contest.)

March Club Meeting: The March club meeting will be held on Wednesday, March 1, 1989 at 7:30 pm at the Water District Office. The Lee Renaud Memorial Contest will be held on March 5th, and the monthly club contest will be on March 19th.

MINUTES OF THE JANUARY, 1989 MEETING

The meeting was called to order by President Chris Hurley at 7:30 PM.

1. The minutes of the Dec 7, 1988 meeting were approved as published.
2. The Treasure's report was given by Frank Chastler, and were approved as read.
3. New Face: Henry and Laurie Meyers were introduced to the club.
4. Old Business:

A. George Joy announced the suggested contest schedule for 1989. Proposed were 12 open and 8 2-Meter events, with the first three months separating Open and 2-Meter as a trial.

B. A motion was made by John Lupperger to replace the proposed plan with a plan that would be the same as that followed in 1988, namely, 12 contests (combining Open and 2-Meter) with 4 throw-aways with no reschedules because of Weather or field conditions. The motion was approved by vote of the members present. George Joy will ammend the contest schedule for 1989.

C. Felix Vivas presented information on the success of the last 7-cell F3-E contest in 1987. The members present voted to again host the event on 19-20 August 1989.

D. Dick Pantzar announced that he had winch line and it was suggested that members keep good line on their winch and keep backup line with their winch.

E. It was noted that our Vice President, Roger Lowery has the Club Video Tape Library. See him for check out of tapes.

5. New Business:

Will Conrad brought up the subject of 'unsafe' nose skids, and the 7.5mm (.295") nose diameter required by the AMA safety code. After discussion, a motion was made that metal skids not be allowed. It was approved. George Joy offered to make a gage for checking for minimum nose radius.

6. The meeting was adjourned at 9:10 for break and program.

Jared Stalls, Secretary.

TREASURERS REPORT by Frank Chastler

| | |
|--|-----------|
| Beginning Check Book Balance as 1-1-89 | \$1097.46 |
| Income: | |
| Memberships | \$276.00 |
| Jan Contest | \$72.00 |
| Total | \$348.00 |
| Expenditures: | |
| News Letter Mailing | \$30.00 |
| Trophies (Year end and Jan Contest) | \$177.02 |
| Total | \$207.02 |
| Ending Check Book Balance | \$1238.44 |

Renaud Memorial Contest:

Added note: A substantial number of prizes will be raffeled off at the contest. So come and enter and Win! (Frank)

The NL Editor:

Hello everyone.

With this issue I begin my tenure as NLE. Each month I hope to be able to bring to you not only the usual topics but also some other "tidbits" as they come in to me. This month I found a copy of a piece by John Brown (one time PSA Editor) in a copy of the NSS (National Soaring Society) News Letter. It is on timing and should be of interest to those of you who are new (relatively) to the soaring business.

Next month (and often afterwards) Rich Garner has promised to contribute just as he did a couple of years ago. So look for his handy advice likely next month.

If you would like to contribute, just submit what you have to me. Written legibly is fine, but if you have it on computer (IBM or compatible) just give me a disk that contains a file - the file can be in either Multi-mate, Wordstar, Word Perfect, or a file in ASCII format (Any of these will load into my publishing program).

Notes:

1. LSF has a new address - P.O. Box 517, Winfield IL 60190
2. Santa Maria Soaring Society is having their 9th Annual Cross-Country Race. The date is Sat and Sun, May 20 & 21 1989 in California Valley, CA. Contact Mark Hadley, CD, (805) 922-5147. (There will be LSF level 3, 4 & 5 goal and return courses marked off for those pilots wishing to attempt them.)
3. The AMA Nationals will be held in Richland WA this summer, and will include a complete slate of soaring events. (We hope to add, on an open date, electric soaring events, especially F3-E soaring [both open and 7 cell] as well as one or two duration events. Will try to get more information for a future issue. At any rate, the dates for the NATS is 15 through 23 July 1989. If you plan to attend, I suggest you get your entry in ASAP, because it will likely fill up fast.
4. Don't forget to begin your preparation for the Astro Electric contest in June and the 7 cell F3-E contest in August. Flyers and Entry forms for the Astro Champs are available from either John Lupperger or myself, and information on entry for the 7 Cell F3-E contest is available from Felix Vivas {(714) 645-3263.}

.UNTIL NEXT MONTH, Thermals, Bob Sliff

FIELD IMPROVEMENT NEWS by Will Conrad

A meeting was held on Jan 25th, 1989 (on very short notice) with the City of Costa Mesa (David Akehima) /Valley Crest Landscaping (a Freeway and Park construction contractor) and Harbor Soaring Society (Will Conrad) at Mack Freed Field.

It was basically an information meeting to let us know the status of construction and schedule of events.

1. Construction equipment location will be close to the apartments leading to the field, and thus be off our launching/flying area.
2. Construction will start the first week of February with the installation of drainage pipe. Grading of the entire park will follow.
3. Construction of parking lots, etc., will be done during the process of field grading.
4. The park (phase one) should be completed by mid June. Grass will have to grow, etc., with the park turned over to the city about September. (We should still be able to fly normally on weekends, but if we get into a bind for flying space, we have been offered the keys for the gates to get to the road below the slope. We could fly off the flat area between the slope and the river.)

.Valley Crest Const. indicated that if we have special needs during the construction period, they would be cooperative in helping us.

.If you have any questions or information please CONTACT ME. Please let ME make any contact with the city as it will save much confusion. Will Conrad.

[Ed. Note: The rumor about the special archeological work to be done appears to be just a rumor. The City of Costa Mesa is moving now.]

President's Notes

Now that the contest agenda and schedule for the year has been agreed upon and set up, it is now time to concentrate on the ongoing business of the club.

For those members who have not yet renewed their membership, I ask that you do so by February 15, 1989 in order to be assured of receiving the March newsletter.

The club will address safety issues at the February meeting. The topics will be landing skids and conformity with AMA regs regarding nose radius. Forward facing metal toothed skids have started to appear at (SC)2 contests. The Board will recommend to the club that metal skids be banned at our field and that nose radius on our planes conform with AMA regs.

Work on the field is slated to begin toward the end of January with grading and hardscape (parking lots and bike paths) work. The city has indicated that this phase should be completed before June and that final landscaping will be completed by the end of the year. It appears that the reports that the dirt would have to be removed, the area resurveyed and the dirt put back came from people from the archeological society. The city has indicated that adequate surveys have been completed and that construction will commence. Further updates will be discussed at the next meeting.

One of my goals this year is to increase the level of participation by the membership in club affairs and activities. Presently it seems that the old 80/20 rule (80% of the work is done by 20% of the members) is holding true. Success of club functions can only be assured if members volunteer to help out. Some of the ways you can contribute are as follows:

1. Contribute articles for the newsletter.
2. Assist with set up and take down of the winches and retrievers on contest and fun fly days.
3. Volunteer to operate and repair the launching and retrieval equipment or learn to operate them if you don't already know how.
4. Contribute ideas for the program segment of the monthly meeting.
5. CD a contest.
6. Help out with contest registration, field set up, radio impound or scoring.
7. Assist with field maintenance, public relations or new pilots.
8. Come to and participate in the monthly club meetings.
9. Run for a position as a club officer.

If you are interested in increasing your participation in club activities, please contact me.

In the meantime I hope that all your landings are planned.

Chris Hurley

TIMING, by John Brown

Are you available to time now? If you are scheduled to fly in the next heat, you aren't. Have you timed for this person before? Some people are very demanding. Say 'NO' when asked if you can't or won't provide the flight time and information the way it is wanted. As timer/helper, your job is to provide the pilot with the information he doesn't know!

HELPEFUL HINTS:

A) BEFORE THE FLIGHT:

- 1) Ask the pilot how the time should be given (i.e. forward or backward) and how often.
- 2) Does the pilot have the proper frequency pin? Ask the pilot to show you that the radio is working. Ask the pilot to check the trim and switches.
- 3) Explain the tack and the points breakdown.
- 4) Tell the pilot that the stop watch is reset and the winch is ready (you should have already checked it).
- 5) Know the qualifying area for landing and explain it to the pilot.
- 6) Must the pilot stand 25 feet from the spot? Is there a required direction for landing?
- 7) Look at the planes in the air now. Are they in lift? Are any flying over your pilot's winch line?
- 8) Do you have his score card and a pen?
- 9) Try to anticipate anything else the pilot might need.
- 10) If short winch lines are being used, remind the pilot of the fact.
- 11) Unless the person is a beginner, avoid

telling the pilot how to fly.

12) If possible, get someone else to wind down the winch line.

13) Don't give helpful information to other pilots.

14) Stand about 10 feet behind your pilot to prevent the plane from hitting you on launch.

15) The pilot should not have to look for you when it is time to fly. If you agree to time, then be with the pilot about 5 minutes before launch time.

B) EARLY IN THE FLIGHT:

- 1) Quickly walk your pilot to his landing circle (the sooner you get him there, the more time he will have to concentrate on the flight).
- 2) Position and stretch the landing tape. He may want it oriented in a particular direction.
- 3) Tell the pilot which end of the tape the spot is on.
- 4) Ask him to look (briefly!) at the spot.

C) MIDDLE OF THE FLIGHT:

- 1) Watch other airplanes and birds; give heights and location of all. Keep pilot up-to-date on the conditions of air that each plane is flying in. Don't ignore any airplane until it **HAS LANDED**. I have seen pilots catch thermals 15 feet above the ground.
- 2) Quietly announce the flight time remaining every fifteen seconds.
- 3) Give the pilot words of encouragement. Everyone likes to be complemented and by building self-confidence you will help him to fly better.
- 4) Caution nearby spectators not to talk to

the pilot.

5) During the flight, refrain from discussing topics unrelated to the immediate task.

6) When your pilot finally locates a nice thermal, don't shout "You're in lift!". Telling other pilots where the lift is will not help your pilot's score.

7) NEVER leave the pilot. If he wants to walk down the field to be closer to the airplane, then you must go with him.

D) LATE IN THE FLIGHT:

1) Try not to get between the pilot and his plane or the plane and the landing spot. It is good practice to stand behind or to the side of the pilot.

2) Predict the flight path of your pilot's plane and warn him of the obstacles and traffic.

3) Note the wind direction and velocity.

4) Check the obstacles on the ground. Warn the pilot of any that may be in the flight path. These include people, bicycles, trees, goal posts, telephone and/or power poles and wires.

5) Watch the airplane carefully as it nears the ground. If the plane is coming in late and fast, then be prepared for a "touch and go." Remember, the clock stops the instant the plane touches any ground based object. Ground based objects include: grass, trees, wires, and people.

6) Look at the other pilots who haven't landed. Pay close attention to those who are not committed to a landing circle or who are at the same circle as someone else. They may decide to move to your circle at the last minute.

7) Do not allow anyone to enter your

pilot's circle for any reason during the last 30 seconds of flight, not even to get an airplane.

8) Most pilots will want the time to be announced every second during the last 20 or 30 seconds. Try not to interrupt the countdown now, but be prepared to stop the counting down if asked to do so by the pilot. Some pilots believe that once the plane is on the final approach (last five seconds) then the touchdown time cannot be affected much without a greater loss of landing points.

E) AFTER THE PLANE LANDS:

1) Look to see if another plane will be landing within the next 30 seconds. If an airplane is coming in, then you MUST remain outside of the circle. Move out of the other pilot's way and remain quiet. A plane on approach has the right-of-way over everything, including the planes on the ground. Try not to worry about your pilot's plane being speared. When it is clear to do so, measure the landing for your pilot. Tell the pilot the tape reading before the plane is picked up. Write down the tape value as soon as you leave the circle.

2) Record the flight time in minutes and seconds (M:SS). Now show the score card and stopwatch to the pilot or official landing judge and ask for verification that the data is correct.

3) Check to see that the transmitter is "OFF" and immediately return it and the frequency pin to the impound area.

4) Finally, return the score card to the official scorekeeper.

(Courtesy of PSA Newsletter, John Brown, Editor)

Harbor Soaring Society
January Monthly Contest Results
Open Division

| Name | Actual Score | Normal Score | Class | Trophy |
|-----------------|--------------|--------------|-------|--------|
| 1 LUPPERGER, J | 2,974.0 | 1,000.0 | E | E - 1 |
| 2 HARRIS, P | 2,961.0 | 995.6 | E | E - 2 |
| 3 GARNER, R | 2,955.0 | 993.6 | E | E - 3 |
| 4 WHITE, L | 2,948.0 | 991.3 | A | A - 1 |
| 5 MARTIN, T | 2,946.0 | 990.6 | E | |
| 6 FINK, S | 2,930.0 | 985.2 | A | A - 2 |
| 7 THOMAS, R | 2,909.0 | 978.1 | E | |
| 8 RICHARDSON, P | 2,897.0 | 974.1 | E | |
| 9 HENDRY, S | 2,891.0 | 972.1 | S | S - 1 |
| 10 CRON, A | 2,870.0 | 965.0 | A | |
| 11 LOWERY, R | 2,863.0 | 962.7 | A | |
| 12 CHASTELER, F | 2,859.0 | 961.3 | E | |
| 13 PANTZAR, D | 2,847.0 | 957.3 | E | |
| 14 HURLEY, C | 2,830.0 | 951.6 | E | |
| 15 ENGER, L | 2,829.0 | 951.2 | E | |
| 16 DEE, M | 2,807.0 | 943.8 | S | S - 2 |
| 17 NEMECEK, D | 2,781.0 | 935.1 | A | |
| 18 CONRAD, W | 2,775.0 | 933.1 | A | |
| 19 RITSCHKE, G | 2,750.0 | 924.7 | E | |
| 20 POULSEN, G | 2,729.0 | 917.6 | E | |
| 21 STALLS, J | 2,722.0 | 915.3 | A | |
| 22 JOY, G | 2,662.0 | 895.1 | E | |
| 23 SLIFF, B | 2,134.0 | 717.6 | E | |
| 24 WEBSTER, D | 1,782.0 | 599.2 | S | |
| 25 STOVALL, W | 1,476.0 | 503.0 | S | |

Harbor Soaring Society
January Monthly Contest Results
2 Meter Division

| Name | Actual Score | Normal Score |
|----------------|--------------|--------------|
| 1 LUPPERGER, J | 2,936.0 | 1,000.0 |
| 2 HURLEY, C | 2,923.0 | 995.6 |
| 3 THOMAS, R | 2,893.0 | 985.4 |
| 4 WHITE, L | 2,852.0 | 971.4 |
| 5 CONRAD, W | 2,850.0 | 970.7 |
| 6 LAMPRECHT, D | 2,763.0 | 941.1 |
| 7 SLIFF, B | 2,757.0 | 939.0 |
| 8 FINK, S | 2,656.0 | 904.6 |
| 9 LOWERY, R | 2,632.0 | 896.5 |
| 10 POULSEN, G | 2,557.0 | 870.9 |
| 11 JOY, G | 2,284.0 | 777.9 |

FOR SALE:

Paragon with radio on channel 44. Ready to fly. \$200.00
contact George Joy phone # 714 556-6385

CONTEST DEPARTMENT

At the Jan. meeting the club decided that the contest schedule should be continued as it stood last year. That means that there will be 12 contests scheduled, one each month, of which only eight will count for year end. also that the two meter will be flown in conjunction with the open. Further that the SC2 contest will be flown as a seperate contest from the club contest.

This being the will of the club, the monthly contest will be scheduled for the first Sunday, after the first Wednesday of each month, unless it conflicts with a holiday or another contest deemed to be a higher priority.

following is the tentative schudule for this year:

| date | month | CD |
|-------|-------|---|
| 5 | Feb. | Ross Thomas |
| 5 | Mar. | Frank Chasteler (Lee Renaud Memorial contest) |
| 19 | Mar. | Bob Sliff |
| 9 | Apr. | |
| 6-7 | May. | L.S.F. Soaring NATS (Bay Area) |
| 7 | May. | |
| 11 | Jun. | |
| 17-18 | Jun. | John Luppenser (Astro Champs) |
| 9 | Jul. | |
| 15-23 | Jul. | A.M.A. NATS |
| 6 | Aus. | |
| 19-20 | Aus. | Felix Vivas (F3E 7 cell) |
| 10 | Sep. | |
| 8 | Oct. | |
| 5 | Nov | |
| 19 | Nov. | Georse Joy / Frank Chastler (H.S.S. SC2) |
| 3 | Dec. | |

As you see, there is a lot of open contests that need a C.D. Please let me know if you would like to CD one. I need to know two months ahead to get it published in the news letter.

The February 5th contest will be:
Round 1 = 3 Min. precision, 900/100
Round 2 = 5 Min. precision, 900/100
Round 3 = 3 Min. precision, 700/300

The March 19th contest will be:
All three rounds will be pilot choice of 3 min. 700/300 or 5 Min. 800/200 or 7 Min. 900/100. This choice is up to the pilot during his flight. In other words, you dont have to declare which choice before launching.

Respectfully Submitted



Moving Up...

Congratulations to the following pilots who have qualified to move up to the next class:

| <u>Pilot</u> | <u>New Class</u> | <u>Trophies Won</u> |
|----------------|------------------|--|
| Justin Sanders | Sportsman | 1st Sportsman - May 87 1st Sportsman - Mar 88 1st Sportsman - Dec 88 |

Pilots that have won trophies but have not yet met the requirements to move up in class are:

| <u>Pilot</u> | <u>Present Class</u> | <u>Trophies Won</u> |
|--------------------|----------------------|--|
| Al Cron | Advanced | 1st Advanced - Aug 87 1st Advanced - Nov 88 |
| Larry Enger | Advanced | 1st Advanced - June 87 2nd Expert - Oct 88 |
| Herman Hall | Advanced | 1st Advanced - Jan 87 |
| Ralph San Giovanni | Advanced | 1st Advanced - Dec 87 1st Advanced - Feb 88 |
| Larry White | Advanced | 1st Advanced - Dec 88 1st Advanced - Jan 89 |
| Dave Nemecek | Advanced | 1st Advanced - Oct 88 |
| Jared Stalls | Advanced | 3rd Expert - Oct 88 |
| Chris George | Sportsman | 1st Sportsman - Apr 88 |
| Woody Randolph | Sportsman | 2nd Advanced - Oct 88 |
| Steve Hendry | Sportsman | 1st Sportsman - Oct 88 |
| John Lasater | Sportsman | 1st Sportsman - Nov 88 |
| Steve Fink | Sportsman | 2nd Advanced - Jan 89 |

LEE RENAUD MEMORIAL CONTEST

Sponsored by the Harbor Soaring Society

Date: March 5, 1989

Place: Mac Freed Memorial Field (Fairview Regional Park at the end of Canyon Drive.)

Registration begins at 0800 hrs, with a pilots meeting at 0900 hrs

THREE CLASSES OF PILOTS:

Junior, Novice, and Advanced

Classes are defined as follows: Junior is any flyer under 16 years old; Novice is any flyer who has not won or placed in any SC2 contest; Advanced is anyone who doesn't fit the other two classes.

Awards will be to third place in each class.

THREE ROUNDS OF SOARING

All rounds will be called flight order

- First round will be THREE min. duration, 50' landing circle (score landing in/out, flight score 900/100)
- Second round will be SEVEN min. duration, 50' landing circle (score landing in/out, flight score 900/100)
- Third round will be FIVE min. duration, standard landing tape (flight score 900 plus tape score, max 100)

Contest Director: Frank Chastler (714) 545-2185

CoDirector: Ken Myers (714) 968-6901

Entry fee is \$4.00

100% of proceeds go to the AMA Mortgage
Fund in Lee's Name