



*A 11:00 class Contest
Discussions on the contest
11:00-12:00
FEE 2000.00 Resubmitting with Entry form.
- 11:00-12:00
Club to supply workers compensation
2000-11-01 Sat
500*

80276
MILL R. CONRAD
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FOUNTAIN VALLEY, CA
92708

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The Society Column

EDITOR: Tony Martin 960-6915

PRESIDENT:	Fred Biddle 970-7207	TREASURER:	Don Manning 964-4349
VICE PRES.	Rich Garner 525-8641	CONTEST DIRECTOR:	Herman Hall 637-2704
SECRETARY:	Steve Dow 962-0261	GENERAL DIRECTOR:	Bob Sliff 893-8311

OCTOBER 1986

Volume 23 Number 10

NOVEMBER CLUB MEETING

The November club meeting will be held on Thursday, November 6, 1986 at 7:30 P.M. at the Consolidated Water District office, 1965 Placentia Ave., Costa Mesa. Tony Lee will show films of the Visalia and SCSC contests.

DECEMBER CLUB MEETING

The December meeting will be held on Wednesday, December 3, 1986 at 7:30 P.M. at the Consolidated Water District office, 1965 Placentia Ave. Costa Mesa.

UPCOMING EVENTS

- ... Harbor Soaring Society Club Meeting
- ... Harbor Soaring Society Thermal Contest

Notice # 1

Month's club meeting will be Thursday, November 6.

Nominations for 1987 club officers were held at the October meeting and the elections will be held at the November meeting. Nominations are as follows:

President	Vice President	Treasurer	Secretary	Contest Director
Will Conrad	<i>Ross Thomas</i> Dale Black	Don Manning	Tony Martin	Herman Hall
Ken Myers	Jim Frye	Dave Nemeck	Bob Sliff	<u>Bob Sliff</u>
Tom Pastore	Morey Smith	<u>Tom Pastore</u>	<i>DAVE Lloyd</i>	Morey Smith

General Director Newsletter Editor

Jack Durham Steve Dow
Gordon Ritschke Ken Myers
Ross Thomas
Felix Vivas
FRANK COSTNER

Three rounds precision duration.

- Round #1 Three minute precision. 900 flight points possible (5 points per second), 100 possible points for landing. Standard 25 foot radius landing tape. Open flight order.
- Round #2 Five minute precision. 900 flight points possible (3 points per second), 100 possible points for landing. Standard 25 foot radius landing tape. Called flight order.
- Round #3 3/5/7, you choose as you fly -- actual flight time will determine which time applies. For 3 minute flights, scoring is 700/300. For 5 minute flights, scoring is 800/200. For 7 minute flights, scoring is 900/100. Herman Hall's chart will be used for scoring. Open flight order.

Contest Director: Bob Sliff

Results of H.S.S. Electric Contest 5 - October, 1986
 Contest Director - Frank Chasteler

Sailplane			Old-Timer		
	Pilot	Time		Pilot	Time
1	Tom Chasteler	39:25	1	Joe Ballasch	28:15
2	Dick Pantzar	30:00	2	Chuck Hollinger	24:38
3	Will Conrad	21:58	3	Dale Black	20:00
4	Frank Heacox	20:00	4	Frank Chasteler	9:49
5	Chuck Hollinger	18:52			
6	Morey Smith	16:04			

Task:

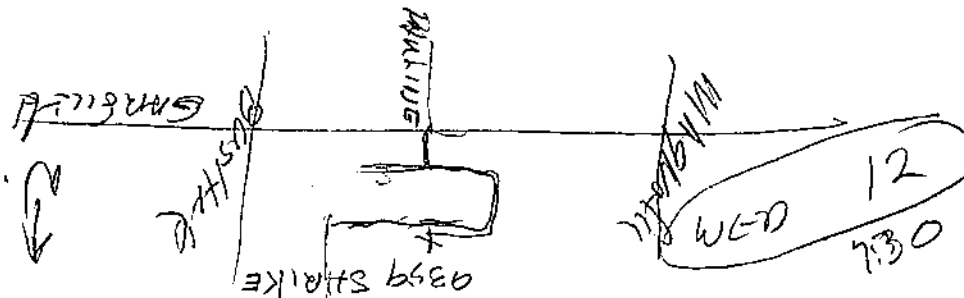
One battery charge. Glide time only for a maximum of 10 minutes per flight. One minute to land. Pilot may restart motor more than once.

1986 SCSC Standings - Best 3 of 4 Contests

1	Jolly, Larry	2980.2	21	Lupperger, John	2682.5
2	Brown, John	2967.6	22	Doig, Al	2680.4
3	Durham, Jack	2914.1	23	Miller, Jim	2664.8
4	Brandt, Dennis	2905.4	24	Silva, Manny	2610.9
5	Chasteler, Tom	2898.9	25	Cron, Al	2602.3
6	Spencer, Randy	2856.7	26	Thomas, Ross	2586.5
7	Stahlheber, Fred	2849.6	27	Hunter, John	2543.7
8	Meienberg, Ken	2839.9	28	Joy, George	2536.5
9	Fink, Dan	2837.2	29	Richardson, Pete	2477.7
10	Ford, Greg	2828.6	30	Bratrud, Randy	2452.0
11	Auman, Greg	2823.4	31	Bates, Jeff	2448.8
12	Chasteler, Frank	2805.6	32	Bereczky, Alex	2444.3
13	Nigg, Don	2799.6	33	Beeman, Chuck	2428.0
14	Sliff, Bob	2778.8	34	Lee, Tony	2405.2
15	Billman, Todd	2751.7	35	Pope, Bob	2386.2
16	Pantzar, Dick	2751.1	36	Raymond, Ken	2225.2
17	Bunting, Don	2750.1	37	Harris, Phil	1902.8
18	Gilman, Richard	2713.2			
19	Poulsen, Gordon	2712.3			
20	Garner, Rich	2707.0			

Thermal Trivia

The Visalia Soaring Festival was a lot of fun even though most of the H.S.S pilots didn't fare too well. Bob Sliff flew his 3 meter Nome to a very respectable 20th place, which was only a few points from placing in the top ten. Congratulations Major Sliff! Friday night the whole gang met at the Holiday Inn and went out for dinner to a Japanese restaurant which was recommended by Dick and Marge Pantzar. What a terrific dinner and a fun weekend for everyone!



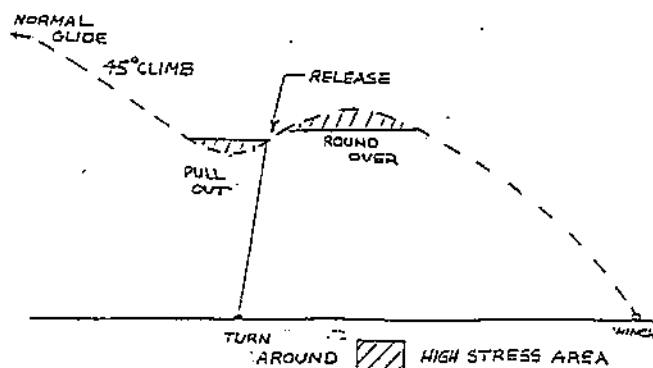
Zoom Launches

Pete Richardson and I have been discussing zoom launches and how they can be done effectively and safely. The purpose of a zoom launch is to accelerate airspeed and, following the release, to convert the airspeed into altitude. It is extremely important to keep the load factor to a minimum to avoid structural damage.

Before discussing the zoom launch, it is important to say a few words about maneuvering airspeed. Maneuvering airspeed is the maximum critical airspeed at which the control surfaces can be fully and abruptly deflected without structural damage. It depends upon wing loading and the structural strength of the sailplane. Maneuvering airspeed is the maximum safe airspeed in turbulence.

When performing a zoom launch, the pilot begins with a normal launch. Three-quarters of the way up on the winch, the pilot stands on the winch pedal and commences a smooth round-over and dives at the angle which minimizes stress on the wing. When the sailplane accelerates to the desired airspeed, the pilot releases the foot pedal and commences a smooth pull-out to establish a climb angle of about 45 degrees. A smooth round-over and a smooth pull-out after release are extremely important to minimize the load factor!

The 45 degree climb angle should be maintained until the rate of climb diminishes to a point where the sailplane can resume a normal gliding attitude.



Before attempting a zoom launch, the beginning pilot should be sure his sailplane has the structural integrity and design which is necessary for safe zoom launches. Equally important is receiving proper instruction from a competent sailplane pilot.

One last word about zoom launches concerns safety. Never zoom launch over populated residential areas or over bystanders in the turn-around area. During contest flying, both the pilot and timer are responsible for ensuring that the launch area and turn-around area are clear of bystanders. Never zoom launch into a strong thermal or turbulence because of the risk of exceeding the safe maneuvering airspeed of the sailplane.

Zoom launches can be fun and exciting and can add enjoyment to contest flying if they are executed in a safe and proper manner.

Rich Garner

Technical Advisor: Pete Richardson

RESULTS of I.S.S. (SC) CONTEST on 28 SEPT. 198

CONTEST DIRECTOR -- Chuck Beeman

P	NAME	CLUB	CLASS	SCORE	NORMALIZED SCORE	TROPHY WINNERS
1	Brown, John	PSA	EXPERT	2907.6	1000	1-E
2	Brandt, Dennis	PSA	EXPERT	2896.2	996.1	2-E
3	Durham, Jack	HSS	EXPERT	2879.5	990.3	3-E
4	Ford, Greg	PSA	EXPERT	2862.2	984.4	4-E
5	Lupperger, John	ISS	EXPERT	2858.8	983.2	5-E
6	Thomas, Ross	HSS	SPORTS-	2838.8	976.3	1-S
7	Pantzar, Dick	HSS	SPORTS-	2836.9	975.7	2-S
8	Chasteler, Tom	HSS	EXPERT	2817.8	969.1	
9	Meienberg, Ken	PSA	EXPERT	2807.5	965.6	
10	Black, Ron	ISS	SPORTS-	2806.9	965.4	3-S
11	Stahlheber, Fred	NCC	EXPERT	2783.2	957.2	
12	Landreth, Dean	SWSA	EXPERT	2781.4	956.6	
13	Spencer, Randy	SULA	EXPERT	2768.4	952.1	
14	Joy, george	HSS	SPORTS-	2757.8	948.5	
15	Douglas, Ian	ISS	EXPERT	2755.1	947.6	
16	Garner, Rich	HSS	EXPERT	2753.9	947.1	
17	Osborne, Tom	SWSA	SPORTS-	2734.8	940.6	
18	Doig, Al	NCC	EXPERT	2705.2	930.4	
19	McNicholas, Steve	DUST	SPORTS-	2699.9	928.6	
20	Clifton, Glenn	SWSA	SPORTS-	2670.7	918.5	
21	Chasteler, Frank	HSS	EXPERT	2667.7	917.5	
22	Bunting, Don	SULA	SPORTS-	2638.6	907.5	
23	Walter, Mike	(none)	SPORTS-	2628.8	904.1	
24	Nigg, Don	PSA	EXPERT	2614.4	899.2	
25	Beeman, Chuck	ISS	EXPERT	2604.4	895.7	
26	Conrad, Will	HSS	SPORTS-	2572.8	884.9	
27	Sliff, Bob	HSS	SPORTS-	2560.5	880.6	
28	Lamprecht, Dieter	ISS	SPORTS-	2531.6	870.7	
29	Bitzberger, John	(none)	SPORTS-	2499.5	859.6	
30	Fink, Dan	PSA	EXPERT	2497	858.8	
31	Cron, Al	HSS	SPORTS-	2491.7	857.0	
32	Brandon, Jim	SULA	EXPERT	2465.4	847.9	
33	Friend, Richard	DUST	EXPERT	2455.9	844.6	
34	Pope, Bob	SULA	SPORTS-	2442.4	840.0	
35	Richardson, Pete	HSS	EXPERT	2356.4	810.4	
36	Ritter, George	DUST	EXPERT	2348.3	807.6	
37	Gilman, Richard	NCC	EXPERT	2300.7	791.3	
38	Silva, Manny	ISS	SPORTS-	2246.5	772.6	
39	VanNaty, Gary	ISS	SPORTS-	2230.6	767.2	
40	McNee, Ross	NCC	SPORTS-	2209.1	759.8	
41	Olsen, Pete	SWSA	SPORTS-	2199.9	756.6	
42	Short, Howard	SULA	EXPERT	2159.1	742.6	
43	Jenkins, Harvey	(none)	SPORTS-	2026.6	697.0	
44	Billman, Todd	ISS	EXPERT	1931	664.1	
45	Hurley, Chris	SULA	SPORTS-	1767.8	608.0	
46	Lee, Tony	HSS	SPORTS-	1660.6	571.1	
47	Harris, Phil	HSS	EXPERT	1262.5	434.2	
48	Poulsen, Gordon	HSS	EXPERT	1079.1	371.1	
49	Auman, Greg	ISS	EXPERT	988	339.8	
50	Raymond, Ken	NCC	EXPERT	951	327.1	

TEAM SCORES

PSA	1000				
	996.1				
	984.4				
	965.6				
	3946.1				
HSS	990.3				
	976.3				
	975.7				
	969.1				
	3911.4				
ISS	983.2				
	965.4				
	947.6				
	895.7				
	3791.9				
SULA	952.1				
	907.5				
	847.9				
	840.0				
	3547.5				
NCC	957.2				
	930.4				
	791.3				
	759.8				
	3438.7				

H. S. S. CONTEST IX

OCT. 11, 1986

CONTESTANT	RAW SCORE	MASTER	EXPERT	ADVANCED	SPORTSMAN	TROPHYS
1. D. BRANDT	2913		(1000) GUEST			
2. B. SLIFF	2911			999		M
3. R. GARNER	2905		997			1-E
4. J. DURHAM	2878	988				
5. T. CHASTELE	2869	985				
6. J. LUPFERGER	2863		(983) GUEST			
7. F. BIDDLE	2837			974		2-E
8. G. RITSCHKE	2832		972			
9. G. POULSEN	2772		952			
10. B. POPE	2766		950(SULA)			
11. J. FRYE	2749		944			
12. M. SMITH	2744		942			
13. D. PANTZAR	2717		933			
14. D. LAMPRECHT	2716		(932) GUEST			
15. P. RICHARDSON	2709		930			
16. D. NEMECEK	2563				880	1-A
17. H. HALL	2510			862		2-A
18. W. CONRAD	2482			852		
19. T. MARTIN	2424		832			
20. S. DOW	2412				828	1-S
21. C. LEE	2401			824		
22. C. HURLEY	2382		(818) GUEST			

BIDDLE MOVES TO EXPERT
DOW MOVES TO ADVANCED