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# The Society Column

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"The Oldest A.M.A. Sanctioned Soaring Club In The World"

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APRIL 1987

Volume 24 Number 4

## APRIL CLUB MEETING

The April club meeting will be held on Wednesday, April 1, 1987 at 7:30 P.M. at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa. Goerge Sparr of Aero Composite Products will talk about his product line, which includes carbon fiber and kevlar mat, cured unidirectional carbon fiber tape, and a few other items.

## MAY CLUB MEETING

The May club meeting will be held on Wednesday, May 6, 1987 at 7:30 P.M. at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa. A swap meet is schedule for this night.

## New Plastic Film From 3M

A experimental drag reduction film borrowed from a NASA research program may have helped Stars & Stripes win the America's Cup. The racer's hull was covered with a thin plastic film scored by small U-shaped grooves called "riblets", which reduce skin friction drag. Some yachtsmen estimate that the film added as much as 0.2 knot, or 0.17 mph, to Stars & Stripes' speed. Sheets of the plastic, which is produced by the 3M Company, have been applied to the skins of a Learjet and a Lockheed T-33, reducing drag by eight percent. 3M plans to offer the film to the sailboat racing community this spring. Maybe it could be used like Monocote, we'll see.

## Past Aviation Events

April 27, 1920..The first US warrant for "reckless aerial driving" is issued in Los Angeles. The complaint, brought by the Aero Club of Southern California, named airshow and movie stuntman Ormer Locklear as the wayward aviator.

April 3, 1933..Two British Westland open-cockpit biplanes make the first flight over Mount Everest and photograph the highest point on Earth. Their maximum altitude of 30,000 feet leaves little margin as they cross the 29,028-foot peak.

April 12, 1934..Three weather observers witness "the strongest natural wind ever recorded on the Earth's surface," 231 mph, on Mount Washington in Gorham, New Hampshire. The year-round weather observatory on the 6,288-foot peak records consistently high gusts due to elevation and local topography. Sounds like the perfect slope.

April 2, 1959..NASA selects seven Mercury astronauts from a group of 18 candidates. The first Mercury flight was scheduled for May 2, 1961. On April 12, 1961 cosmonaut Yuri Gagarin preempted the first Mercury mission with a single orbit of Earth.

April 1, 1960..TIROS 1, the worlds first weather satellite is launched. TIROS (Television and Infrared Observation Satellite) provided more than 22,000 pictures of the Earth from an average altitude of 515 miles. Nine more TIROS satellites were launched through 1965.

April 26, 1962..Ariel 1, the first international satellite, is launched by NASA from Cape Canaveral. Ariel 1 contained six British atmospheric, solar, and cosmic ray experiments.

April 11 & 12, 1984..The crew of the shuttle Challenger retrieves, repairs, and relaunches the scientific satellite Solar Max, the first designed for field repairs. Since then, a tape recorder and an antenna bearing have failed. NASA hopes that what remains of the solar research satellite will function until 1991.

## MARCH CONTEST REPORT

by Dieter Lamprecht

The March Contest was different from most contests in that the contestants drew cards, ranging from 1 to 6 plus wild cards, to determine their flight times in minutes. Although this concept was initially met with some opposition, once the contest got going everybody seemed to agree that it was an interesting contest which required the pilots to plan ahead as to what they were going to do in each round.

Now for the contest, the weather was nice except for the wind in the last round, and the lift was plentiful. The turnout was gigantic especially for a monthly club contest with 46 fliers in the Open Class and 11 of them with ships for the 2-Meter Class for a grand total of 57 entries, this rivals any SC2 contest. Of these fliers, 9 belonged to other clubs who decided to fly with our club, we should remember them by flying in contests at their clubs on non contest days in the future. We tried to hold the rounds to 1 1/4 hours and were quite successful, the last flights were over by 1:15 PM, not bad for so many fliers. Luckily there were no major winch problems and retrievers do make a world of difference in speeding up a contest.

Congratulations to the winners: Randy Spencer, SULA - Expert; Bob Pope, HSS - Advanced; and Joel Quisenberry, Jr., HSS - Sportsman. See the contest results page for scores. On the negative end two people lost airplanes on the winches when their wings folded, attempting to add that little bit of extra altitude and speed can be costly, luckily they had backups and were able to continue flying. We also had one midair but both planes were able to continue to fly with no major damage.

I would like to thank all the people who helped me with the chores of running this contest for without them the contest would not have run quite as smoothly.

### HARBOR SOARING SOCIETY ELECTRIC CONTEST FOR APRIL 12, 1987 FRANK CHASTLER, CD

1. As a warm up for the Electric Champs we are holding in May, we will use the following flight rules.
2. We will fly Sailplane, 7 cell and more (8 to 30) than 7 cell class.  
Motor run will be 45 seconds for 7 cell, and 30 seconds for the over 7 cell class. This motor run will be free. You may use additional motor run, but it will be deducted from the flight time. Flight time will be a 7 min. max. with over time deducted. An added 25 points will be awarded for landing in the designated landing zone. (CD will define this at the pilots meeting.)
3. We will fly Old Timer, 7 cell and more (8 to 30) than 7 cell class.  
Motor run will be 1 min. for 7 cell and 45 seconds for the over 7 cell class. This motor run will be free. You may use additional motor run, but it will be deducted from the flight time. Flight time will be a 7 min. max. with over time deducted. An added 25 points will be awarded for first touch down in the designated landing zone. (CD will define this at the pilots meeting.)
4. Recharging between flights is permitted. We will use called flight order. This is a fun fly event, so no entry fee will be required and no trophies will be awarded.

### HARBOR SOARING SOCIETY 2 METER CONTEST SUNDAY, THE 26TH OF APRIL, BOB SLIFF, CD.

1. Flying will consist of three rounds for Man-On-Man flying with a 7 minute maximum flight time, normalized scoring.
2. Standard 100 point landing using landing tapes will be used.
3. If there is a problem with frequencies so that Man-On-Man becomes too difficult to run, the contest will revert to a 3-5-7 contest with open or called flight order. (Scoring will then be using the HSS scoring chart for time and landing points.)
4. Normal HSS entry fee will be charged. Trophies to 3rd place will be awarded, Courtesy Hobby Horn.

HSS YEAR TO DATE RESULTS

		2 METER CLASS					CONT	NORM
PLACE	NAME	CLASS	JAN	FEB	MARCH	TOTAL	FLOWN	AVERAGE
1	GORDON POULSEN		979.9	952.6	1000.0	2932.5	3	977.5
2	JOHN LUPPERGER		942.8	1000.0	826.0	2768.8	3	922.9
3	KEN MEIENBERG		836.2	978.8	853.3	2668.3	3	889.4
4	LARRY ENGER		850.4	947.2	860.9	2658.5	3	886.2
5	WILL CONRAD		817.5	828.8	915.9	2562.2	3	854.1
6	DIETER LAMPRECHT		848.3	863.6	833.2	2545.1	3	848.4
7	ROBERT GERBIN		962.9	934.5		1897.4	2	948.7
8	CHRIS HURLEY			929.5	871.8	1801.3	2	900.7
9	AL CRON		853.5	855.5		1709.0	2	854.5
10	ROSS THOMAS		784.2		904.6	1688.8	2	844.4
11	FRED BIDDLE		967.1		687.9	1655.0	2	827.5
12	BOB SLIFF		1000.0			1000.0	1	1000.0
13	JACK DURHAM				984.6	984.6	1	984.6
14	HERMAN HALL		984.1			984.1	1	984.1
15	TOM CHASTELER		962.6			962.6	1	962.6
16	FRANK CHASTELER		919.6			919.6	1	919.6
17	TONY MARTIN		791.5			791.5	1	791.5
18	BOBBY GERBIN		679.3			679.3	1	679.3
19	STEVEN DOW			0.0	657.4	657.4	2	328.7
20	DON NIGG		634.6			634.6	1	634.6

HARBOR SOARING SOCIETY  
CONTEST COORDINATOR, BOB SLIFF, 21 March 1987

Schedule of Activities for the remainder of 1987. All known Contest are shown, except when they conflict with HSS Contests

1. APRIL-----
  - Wednesday, the 1st, HSS Club Meeting
  - Saturday/Sunday, the 4th & 5th, Dr Pepper Contest
  - Sunday, the 5th, SULA Monthly Contest
  - Sunday, the 12th, HSS Electric Contest-----Chasteler.F.CO
  - Saturday, the 25th, SULA 2Meter Contest-----Sliff.B.CO
  - Sunday, the 26th, HSS 2 Meter Contest-----Sliff.B.CO
  - Wednesday, the 8th, HSS Club Meeting
  - Saturday, the 25th, SULA Monthly Contest
  - Sunday, the 10th, HSS Soaring (Open & 2Meter) Lupperger.CO
  - Saturday, the 16th, 13th Annual EAA (Formerly Astro) Electric R/C Champs for Soaring and Old Timer Contest Directors, Bob Sliff, Frank Chasteler, Saturday & Sunday, the 16th & 17th, PSS Festival
  - Sunday, the 31th, PSA's '82 Contest
2. MAY-----
  - Wednesday, the 3rd, HSS Club Meeting
  - Sunday, the 7th, HSS Soaring (Open & 2Meter) Garner.R.CO\*
  - Sunday, the 7th, ISS HLG Contest, Annual
  - Saturday/Sunday, the 13/14th, Western US Soaring Champs, at the Merwin Ranch, Modesto, Ca.
  - Sunday, the 14th, NCC Electric Contest
  - Sunday, the 24th, HSS Electric Contest-----Ross.Thomas.CO (Moved to accommodate NCC and Soar Champs)
  - Sunday, the 28th, NCC SC2 Contest--K. Raymond.CO
3. JUNE-----
  - Wednesday, the 1st, HSS Club Meeting
  - Sunday, the 5th, HSS Soaring (Open & 2Meter) CD- open
  - Thursday--Sunday, the 9th through the 12th, SMSS XC, Taft.
  - Saturday, the 11th, through Saturday, the 18th, ARA NATS
  - Saturday, the 11th, SULA Monthly Contest
  - Sunday, the 12th, ISS Monthly Contest
  - Sunday, the 12th, NCC Monthly Contest
  - Sunday, the 26th, SULA 2Meter Contest
  - Sunday, the 26th, PSS SC2 Contest
  - Wednesday, the 3th, HSS Club Meeting
  - Sunday, the 9th, HSS Soaring (Open & 2Meter) CD- open
  - Saturday and Sunday, the 15th and 16th, F3-E 7 Cali Electric event at HSS. Event manager, Felix Vivas
4. JULY-----
  - Contest Director--K. Charles
  - Saturday--Wednesday, the 2nd, HSS Club Meeting
  - Saturday, the 5th, SULA Monthly Contest
  - Sunday, the 13th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 20th, HSS Electric Contest CD- open.\*
  - Sunday, the 27th, SULA SC2 Contest
  - Saturday/Sunday, the 3rd & 4th, Visalia Contest
  - Wednesday, the 7th, HSS Club Meeting
  - Sunday, the 11th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 25th, ISS SC2 Contest
5. AUGUST-----
  - Wednesday, the 3th, HSS Club Meeting
  - Saturday and Sunday, the 15th and 16th, F3-E 7 Cali Electric event at HSS. Event manager, Felix Vivas
  - Contest Director--K. Charles
  - Saturday--Wednesday, the 2nd, HSS Club Meeting
  - Saturday, the 5th, SULA Monthly Contest
  - Sunday, the 13th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 20th, HSS Electric Contest CD- open.\*
  - Sunday, the 27th, SULA SC2 Contest
  - Saturday/Sunday, the 3rd & 4th, Visalia Contest
  - Wednesday, the 7th, HSS Club Meeting
  - Sunday, the 11th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 25th, ISS SC2 Contest
6. SEPTEMBER-----
  - Wednesday, the 3th, HSS Club Meeting
  - Saturday, the 5th, SULA Monthly Contest
  - Sunday, the 13th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 20th, HSS Electric Contest CD- open.\*
  - Sunday, the 27th, SULA SC2 Contest
  - Saturday/Sunday, the 3rd & 4th, Visalia Contest
  - Wednesday, the 7th, HSS Club Meeting
  - Sunday, the 11th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 25th, ISS SC2 Contest
7. OCTOBER-----
  - Wednesday, the 3th, HSS Club Meeting
  - Saturday, the 5th, SULA Monthly Contest
  - Sunday, the 13th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 20th, HSS Electric Contest CD- open
  - Sunday, the 27th, SULA SC2 Contest
  - Saturday/Sunday, the 3rd & 4th, Visalia Contest
  - Wednesday, the 7th, HSS Club Meeting
  - Sunday, the 11th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 25th, ISS SC2 Contest
8. NOVEMBER-----
  - Wednesday, the 3th, HSS Club Meeting
  - Saturday, the 5th, SULA Monthly Contest
  - Sunday, the 13th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 20th, HSS Electric Contest CD- open
  - Sunday, the 27th, SULA SC2 Contest
  - Saturday/Sunday, the 3rd & 4th, Visalia Contest
  - Wednesday, the 7th, HSS Club Meeting
  - Sunday, the 11th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 25th, ISS SC2 Contest
12. DECEMBER-----
  - Wednesday, the 3th, HSS Club Meeting
  - Saturday, the 5th, HSS HLG Contest (prop) N. Charles.CO
  - Sunday, the 6th, HSS Soaring (Open & 2Meter) CD- open
  - Sunday, the 13th, ISS Monthly Contest

HSS YEAR TO DATE RESULTS

OPEN CLASS								
PLACE	NAME	CLASS	JAN	FEB	MAR	TOTAL	CONT. FLOWN	NORM AVE
1	DENNIS BRANDT	E	1000.0	1000.0	999.3	2999.3	3	999.8
2	DANIEL FINK	E	939.4	983.1	992.0	2914.5	3	971.5
3	RICH GARNER	E	925.3	961.8	1000.0	2887.1	3	962.4
4	TONY MARTIN	E	989.0	997.8	883.7	2870.5	3	956.8
5	MORRY SMITH	E	978.4	888.4	985.4	2852.2	3	950.7
6	BOBBY GERBIN	E	960.6	911.0	965.2	2836.8	3	945.6
7	FRANK CHASTELER	E	858.9	957.4	986.1	2802.4	3	934.1
8	DIETER LAMPRECHT	A	975.0	897.1	928.2	2800.3	3	933.4
9	KEN MEIENBERG	E	932.9	937.0	899.3	2769.2	3	923.1
10	JACK DURHAM	E	934.6	953.5	871.8	2759.9	3	920.0
11	JOHN LUPPERGER	E	906.2	927.5	915.7	2749.4	3	916.5
12	JOEL QUIESENBERY, JR	S	898.3	913.2	894.5	2706.0	3	902.0
13	DON NIGG	A	920.5	828.9	949.1	2698.5	3	899.5
14	GORDON POULSEN	E	852.4	972.6	871.8	2696.8	3	898.9
15	AL CRON	A	897.6	918.4	874.6	2690.6	3	896.9
16	TONY LEE	A	906.2	843.7	907.0	2656.9	3	885.6
17	JOHN AMIES	A	897.3	794.6	934.5	2626.4	3	875.5
18	FRED BIDDLE	E	809.2	962.2	844.7	2616.1	3	872.0
19	ROBERT GERBIN	E	991.4	945.3	675.0	2611.7	3	870.6
20	GORDON PITTSCHKE	E	794.5	872.8	916.1	2583.4	3	861.1
21	JIM FRYE	E	838.7	836.7	907.7	2583.1	3	861.0
22	LARRY ENGER	A	880.1	867.1	811.9	2559.1	3	853.0
23	WILL CONRAD	A	889.0	854.5	775.7	2519.2	3	839.7
24	DICK PANTZER	E	731.8	908.4	848.1	2488.3	3	829.4
25	GEORGE JOY	A	756.5	944.4	729.7	2430.6	3	810.2
26	CHRIS HURLEY	S	532.5	818.1	822.0	2172.6	3	724.2
27	JIM ANDERSON	A	580.5	832.4	680.6	2093.5	3	697.8
28	ROSS THOMAS	A	934.6		972.1	1906.7	2	953.4
29	PETE RICHARDSON	E		889.7	875.7	1765.4	2	882.7
30	PHIL HARRIS	E	792.1		938.3	1730.4	2	865.2
31	TOM CHASTELER	E	715.4		969.7	1685.1	2	842.6
32	BILL BRAHAMS	S		837.2	822.7	1659.9	2	830.0
33	STEVEN DOW	A	790.4		834.9	1625.3	2	812.7
34	HERMAN HALL	A	975.3			975.3	1	975.3
35	BOB SLIFF	E	972.3			972.3	1	972.3
36	BOB POPE	A			949.8	949.8	1	949.8
37	JERRY BERMAN	S		871.5		871.5	1	871.5
38	RON NOWAK	S		841.5		841.5	1	841.5
39	BRYAN JOY	S			830.7	830.7	1	830.7
40	CHRISTOPHER COLBY	S		820.7		820.7	1	820.7
41	DAVE NEMECEK	S		805.9		805.9	1	805.9
42	MATT GATES	S			801.8	801.8	1	801.8
43	JUSTIN SANDERS	S			783.0	783.0	1	783.0
44	DON MANNING	S	739.0			739.0	1	739.0

Joel Quiesenberry, with three wins in Sportsman now moves up to Advanced.

## HSS MARCH CONTEST RESULTS

POSITION	NAME	CLASS	SCORE	NORMALIZED	TROPHY WON
1	RANDY SPENCER - GUEST	E	2931		1ST-EXPERT
2	RICH GARNER	E	2871	1000.0	2ND-EXPERT
3	DENNIS BRANDT	E	2869	999.3	3RD-EXPERT
4	JERRY FEDELLECK - GUEST	E	2862	996.9	
5	DANIEL FINK	E	2848	992.0	
6	FRANK CHASTELEP	E	2831	986.1	
7	MORRY SMITH	E	2829	985.4	
8	JOE ROSENTHAL - GUEST	E	2825	984.0	
9	TOM CHASTELEP	E	2784	969.7	
10	BOBBY GERBIN	E	2771	965.2	
11	BOB POPE	A	2727	949.8	1ST-ADVANCED
12	DON NIGG	A	2725	949.1	2ND-ADVANCED
13	PHIL HARRIS	E	2694	938.3	
14	ELBERT WITT - GUEST	E	2684	934.9	
15	JOHN AMIES	A	2683	934.5	
16	DIETER LAMPRECHT	A	2665	928.2	
17	GORDON RITSCHKE	E	2630	916.1	
18	JOHN LUPPERGER	E	2629	915.7	
19	JIM FRYE	E	2606	907.7	
20	TONY LEE	A	2604	907.0	
21	KEN MEIENBERG	E	2582	899.3	
22	JOEL QUISENBERRY, JR	S	2568	894.5	1ST-SPORTSMAN
23	TONY MARTIN	E	2537	883.7	
24	PETE RICHARDSON	E	2514	875.7	
25	AL CRON	A	2511	874.6	
26	JACK DURHAM	E	2503	871.8	
27	GORDON POULSEN	E	2503	871.8	
28	PAT STOKER - GUEST	E	2480	863.8	
29	DICK PANTZER	E	2435	848.1	
30	ROY STOWERS - GUEST	E	2434	847.8	
31	FRED BIDDLE	E	2425	844.7	
32	STEVEN DOW	A	2397	834.9	
33	BRYAN JOY	S	2385	830.7	
34	BILL BRAHAMS	S	2362	822.7	
35	CHRIS HURLEY	S	2360	822.0	
36	LARRY ENGER	A	2331	811.9	
37	MATT GATES	S	2302	801.8	
38	DON BUNTING - GUEST	E	2292	798.3	
39	ROSS THOMAS	A	2274	792.1	
40	JIM BRANDON - GUEST	E	2269	790.3	
41	JUSTIN SANDERS	S	2248	783.0	
42	WILL CONRAD	A	2227	775.7	
43	GEORGE JOY	A	2095	729.7	
44	JIM ANDERSON	A	1954	680.6	
45	BOB GERBIN	E	1938	675.0	
46	STEVE ADDIS - GUEST	E	1471	512.4	
2 - METER					
1	GORDON POULSEN		2925	1000.0	1ST-2 METER
2	JACK DURHAM		2880	984.6	2ND-2 METER
3	WILL CONRAD		2679	915.9	3RD-2 METER
4	ROSS THOMAS		2646	904.6	
5	CHRIS HURLEY		2550	871.8	
6	LARRY ENGER		2518	860.9	
7	KEN MEIENBERG		2496	853.3	
8	DIETER LAMPRECHT		2437	833.2	
9	JOHN LUPPERGER		2416	826.0	
10	FRED BIDDLE		2012	687.9	
11	STEVEN DOW		1923	657.4	

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