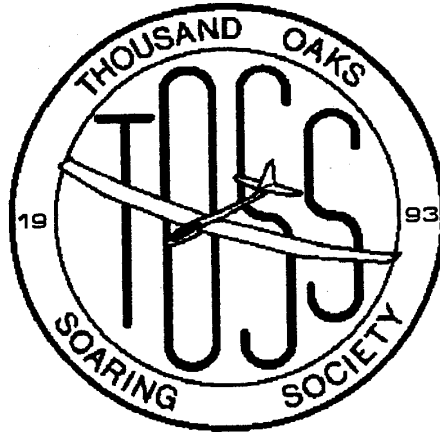


# TOSS-UP



## NEWSLETTER

MARCH 1993 14705 LOYOLA STREET MOORPARK, CA. 93021

A.M.A. CHARTERED CLUB #1493

PUBLISHER: LARRY JIMENEZ 1943 CHANNEL DR. VENTURA, CA. 93001

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**CLUB WINCHES:**

Thomas Akers	(805) 496-6655
Mike Leal	(805) 529-7535
Edgar Weisman	(805) 496-0611

**NEXT CLUB CONTEST:**

DATE:	April, 10th. 1993
PLACE:	Paramount Ranch
TIME:	12:00 Noon
C/D:	Edgar Weisman

**NEXT CLUB MEETNG:**

DATE:	April 28, 1993
DAY:	Wednesday
PLACE:	Cameron Center
TIME:	8:00p.m.

# TOSS TALK

## FEBRUARY MEETING NOTES

Bob Jones, from Airtronics, came by to show us his new line of radios and gave everyone in attendance a new Vision radio. He also donated a new high performance Airtronics sailplane. Edgar gave a full report on the land that was given to us for our new field. He is taking care of all the construction himself. His first task will be building a 500 foot slope hill, overlooking a 200 acre lake stocked with giant bass, but we will not be allowed to construct the incinerator that would produce mega thermals and double as a crematorium. Please come to the next meeting. We will be voting on who will get the concession contract. The choices have been narrowed down to McDonalds or Taco Bell. Of course, all TOSS members will be able to eat free of charge. We will be increasing our club dues from \$20.00 to \$1000.00. This will help offset the cost of our new solar powered winches. That's about it for now, so don't forget to sign-up for the April 1ST. Contest. See you there!!!!

## TREASURER'S REPORT

Mike stated that we have approximately \$25,000,000.00 in our account, and that our gold plated trophies will be ready for next months contest. After receiving Mike's report, I tried to get a hold of him to confirm the balance on the account, but his wife told me that he suddenly quit his job and was nowhere to be found?!?!

## FOR FREE

Getting out of the hobby. FREE to first caller, a new Vision radio and a never been flown new built Falcon 888 sailplane. Please call WOLFGANG at the Red Max Hobby Center or see him at the Handicap Contest.

## FORGET IT

Due to the lack of support, respect, pay, thanks, help, sleep, pay, building time & flying time, this will be the last TOSS newsletter that I will publish!  
THANKS FOR NOTHING, your best pal

LARRY

## 3/13/93 OPEN CLASS STANDINGS HIGH SCORE = 3028

P NAME	CLUB	TOTAL	JAN	FEB	MAR
1 B.J. WEISMAN	TOSS	2983	1000	986	997
2 MIKE REAGAN	TOSS	2935	941	1000	994
3 DON McNAMEE	TOSS	2535	855	880	1000
4 EDGAR WEISMAN	TOSS	2500	888	979	633
5 JOHN ELLIAS	TOSS	2112	722	951	439
6 BOB SWET	TOSS	2095	624	816	645
7 DON NORTHERN	TOSS	1675	799	876	0
8 ART McNAMEE	TOSS	1473	0	959	514
9 MYLES MORAN	TOSS	1338	448	890	0
10 BILL KARP	TOSS	532	532	0	0

## 3/13/93 2METER STANDINGS HIGH SCORE = 2692

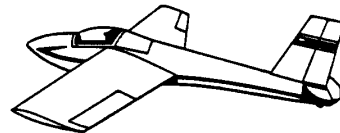
P NAME	CLUB	TOTAL	JAN	FEB	MAR
1 MIKE REAGAN	TOSS	2952	1000	1000	952
2 DON McNAMEE	TOSS	2792	873	930	989
3 MIKE LEAL	TOSS	1000	0	0	1000
4 MYLES MORAN	TOSS	917	0	917	0
5 ART McNAMEE	TOSS	880	0	880	0
6 EDGAR WEISMAN	TOSS	848	848	0	0
7 LARRY JIMENEZ	TOSS	617	0	617	0

## 03/13/93 SPORTSMAN STANDINGS HIGH SCORE = 1124

P NAME	CLUB	TOTAL	JAN	FEB	MAR
1 LARRY JIMENEZ	TOSS	1794	0	794	1000
2 DANE VANNETT	TOSS	1738	0	1000	738
3 JIM GEHAGAN	TOSS	1462	0	896	566
4 DON St. LAWRENCE	TOSS	543	0	0	543

*Congratulations*

Larry Jimenez advances to Expert!



## 1993 (SC)<sup>2</sup> CONTEST CALENDAR

DATE	HOST
February 28	ISS (Riverside)
March 21	PSS (Pasadena)
April 25	NCC (San Marcos)
May 23	HSS (Costa Mesa)
June 27	SULA (Dominguez Hills)
July 25	TOSS (Thousand Oaks)
August 29	TPG (Torrey Pines)
September 26	SWSA (Covina)
October 24	EDSF (Long Beach)
November 21	DUST (Palm Springs)

# FIRST and LAST TRI-ANNUAL HANDICUP CONTEST

**PLACE:** Deadwood School, Hundred Oaks

**PRIZES:** First, Second, and Third.  
(In case of tie, no prizes will be awarded)

**DATE:** April 1, 1993

**ENTRANCE FEE:** \$10 and three  
30 gallon garbage  
bags.

**TASKS:**

- 3 Rounds, 1 EACH of 4, 6, and 8 hour flights. 900 pts/rd
- 0 Points for less than 75% of designated flight time
- 3 Landings, 3 mm diameter circle, In or Out, 100 pts/landing
- Called flight order.

**CLASSES:**

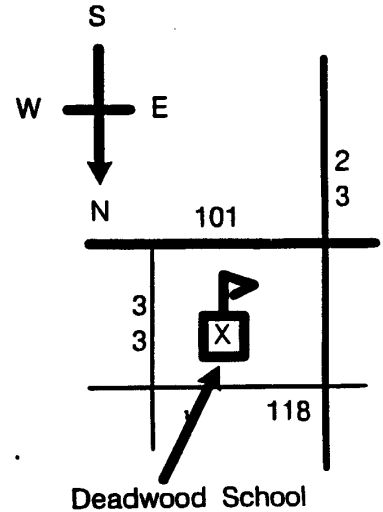
only 1 class - 2 meter or less. No replacement planes or pilots  
will be allowed.

**LAUNCH EQUIPMENT:**

Light Duty Up-Start (250 #64 Rubberbands hooked in series with  
100 inches 4 lb monofilament)

**HANDICAP:**

10 pound Granite Block, Pilot's choice of 3 stones. Pilot must  
securely attach block on top of plane. 'Duck Tape' will be  
provided. Loss of "handicap" will result in 0 points for round.



03/21/93

1993 THOUSAND OAKS SOARING SOCIETY ROSTER

21:42:16

LAST	FIRST	PHONE NO	STREET	CITY	ST	ZIP	AMA #
BUZZLICH	NICK	(714) 854-3689	19366 SIERRA BELLO ROAD	IRVINE	CA	92715	147697
COUNCIL	BILL		3837 CORONADO CIRCLE	NEWBURY PARK	CA	91320	466415
ELLIAS	JOHN	(805) 388-5674	1961 VIA MONTECITO	CAMARILLO	CA	93012	304647
GRONAGAN	JIM	(805) 388-1138	5843 E. WILLOW VIEW DRIVE	CAMARILLO	CA	93012	143567
HARLAND	JAY	(805) 527-5685	662 WELER COURT	SIMI VALLEY	CA	93065	
HARTMAN	RICHARD	(805) 488-6136	1852 SANFORD ST	OXNARD	CA	93033	111039
HINMAN	BILL	(805) -	1195 N. MODESTO AVENUE	CAMARILLO	CA	93010	15233
HOPPLE	TIM	(805) 498-9448	163 NORTH CASTILIAN AVENUE	THOUSAND OAKS	CA	91320	333336
JIMENEZ	LARRY	(805) 652-1937	1943 CHANNEL DR.	VENTURA	CA	93801	378742
KARP	BILL	(818) 876-0682	4532 PARK MONACO	CALABASAS	CA	91302	122971
LEAL	MICHAEL	(805) 529-7535	844 CHARLES STREET	MOORPARK	CA	93021	334482
MORAN	MYLES	(818) 882-4687	18428 OSD AVE.	CHATSORTH	CA	91311	18426
MORGAN	RALPH	(805) 484-7728	2120 GORMAN STREET	CAMARILLO	CA	93010	11874
McNAMEE	ART	(805) 526-6292	2645 PLACERVILLE CT.	SIMI VALLEY	CA	93063	7417
McNAMEE	DON	(805) 526-3145	2291 NORTH RIETTER	SIMI VALLEY	CA	93063	48996
NORTHERN	DON	(805) 523-1018	3977 WILLOW CREEK LANE	MOORPARK	CA	93021	28279
OLDENBURG	ED	(805) 497-7463	261 EL GALLARDO	NEWBURY PARK	CA	91320	106776
RAKE	GARY	(805) 498-2613	947 DRIFTWOOD CIRCLE	NEWBURY PARK	CA	91320	437635
REAGAN	MIKE	(805) 529-5513	14705 LOYOLA ST.	MOORPARK	CA	93021	93756
ST. LAWRENCE	DON	(805) 497-9681	287 SOMERSET CIRCLE	THOUSAND OAKS	CA	91360	409441
STERN	MICHAEL	(805) 492-8452	745 LYNNHURST DR.	THOUSAND OAKS	CA	91360	131478
SUTTON	ROBERT	(805) 498-4342	3415 CRESTWOOD CT.	NEWBURY PARK	CA	91320	81773
SWET	BOB	(805) 388-9619	2600 PONDEROSA DR. APT.15	CAMARILLO	CA	93010	83283
TRIST	PAUL JR.	(818) 545-7551	1101 MELROSE #1	GLENDALE	CA	91202	28643
VANNETT	DANE	(805) 494-4520	689 MC CLOUD AVENUE APT #202	THOUSAND OAKS	CA	91360	433610
WELSMAN	EDGAR and B.J.	(805) 496-0611	752 CANINO VALLES	THOUSAND OAKS	CA	91360	67651



THOUSAND OAKS SOARING SOCIETY  
PRESENTS

## AMA DELTA CUB WORKSHOP

### DESCRIPTION OF ACTIVITY:

- 9:00 AM - Start building small, stick & tissue rubber band powered model airplanes.  
11:00 AM- FLY OFF - All airplanes to be launched at the same time. Last plane still flying -- wins.

*Planes, tools, adhesives, instructions and help will be supplied.*

### SPONSORED BY:

THE RED BARON  
77 DAILY DRIVE  
CAMARILLO, CA 93010

We are currently looking for sponsors, gifts, and instructors/helpers. Call 388-9619 to volunteer.

TIME: Saturday, April 10, 1993 9:00 AM to Noon  
PLACE: Paramount Ranch, a site in the Santa Monica Mountains National Recreation Area, a unit of the National Park System, Cornell Road, Agoura, CA.  
LOCATION: the PAVILION in the Old Western Town.  
OPEN TO THE PUBLIC: Ages 7 and UP FEE: NONE  
GROUPS: Please reserve a place by calling:  
(805) 529-5513 or (805) 388-9619

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## Deadline for Comments Extended!

The deadline for comments to the FCC has been extended from February 26 to May 28, 1993.

Almost everyone by now knows how the proposed FCC restructuring, PR Docket 92-235, stands to affect our frequencies by inserting *two* new frequencies between many of those frequencies presently assigned for modeling use and commercial users. The ruling, if passed, could cost RC modelers 31 out of 50 usable frequencies.

Many AMA members have already sent letters to their Congressmen voicing their concern and urging the lawmakers to intercede on behalf of modelers. Many copies of these well written letters have been sent to AMA headquarters.

With the extended deadline, there is more time to write to your representatives in Congress, but don't put it off! Remember, the most effective approach is a personal letter, written by you, voicing your opposition to the proposed rule.

An effective argument against the proposal could be the educational aspect of model aviation. Many modelers are involved in teaching a young person how to fly or giving demonstrations to school or youth organizations. This too stands to be adversely affected should the FCC proposition be passed. Although these young people are not necessarily flyers, they still have an interest in the sport and letters from these young people stressing the educational aspects of model flying are also effective tools to use in the fight against the proposed ruling.

One of the most important concerns of any modeler is the safety and liability aspect created by the proposal. One way to indicate your concern is to stress the increased possibility of accidents as well as the virtual impossibility of detecting and preventing radio interference from the new frequencies which are designated as mobile. Help make your representative(s) aware of the possible dangers to the public by citing the size of your plane, the speeds which it attains and the proximity of the public when you are flying.

Indicate the time and money you have invested in RC modeling, as well as the hours of pleasure derived from your participation in the hobby. Mention the pieces of radio equipment that you currently have and indicate the financial loss you would sustain should these frequencies be rendered unsafe to use. If your concern is loss of business to your hobby shop, stress this by indicating the percentage of your business that comes from RC.

Another point to touch upon is the contribution of model aviation to the advancement and development of the commercial aviation industry. Should this measure be passed, the remaining 19 usable channels would greatly reduce the ability to learn about and study aviation on a small scale.

When writing your letters, remember to mention the name of the proposed Rule Making: Federal Communications Commission PR Docket 92-235.

SOUTHERN CALIFORNIA SOARING CLUBS  
RESULTS OF ISS (SC)2 CONTEST OF 02/28/93  
CONTEST DIRECTOR - MARK HIGGINBOYHAM

PLACE	NAME	CLUB	CLASS	SCORE	NORMAL	TROPHY
1	SAGE, FRED	NCC	EXPERT	2947.9	1000.0	E - 1
2	SADDF, STAN	ISS	EXPERT	2945.0	999.0	E - 2
3	REAGAN, MIKE	TOSS	EXPERT	2944.6	998.9	E - 3
4	EDBERG, DON	HSS	EXPERT	2938.5	996.8	E - 4
5	LACKEY, ROGER	HSS	EXPERT	2925.6	992.4	E - 5
6	SNEDDEN, JERRY	ISS	SPORTSMAN	2913.8	988.4	S - 1
7	LEPLA, FRANK	PSS	EXPERT	2908.8	986.7	
8	MATSUMOTO, BEN	PSS	EXPERT	2906.7	986.0	
9	CLERX, BEN	HSS	EXPERT	2895.2	982.1	
10	McNAMEE, ART	TOSS	EXPERT	2884.3	978.4	
11	BURNS, RICHARD	PSS	EXPERT	2880.6	977.2	
12	STROBEL, RICH	TPG	EXPERT	2870.8	973.8	
13	BIKLE, JOHN	EDSF	EXPERT	2867.6	972.8	
14	SKINNER, JIM	EDSF	SPORTSMAN	2856.8	969.1	S - 2
15	ADDIS, STEVE	EDSF	EXPERT	2845.9	965.4	
16	RAYMOND, KEN	NCC	EXPERT	2843.1	964.4	
17	JOY, GEORGE	TPG	EXPERT	2838.9	963.0	
18	DOUGLAS, IAN	SWSA	EXPERT	2838.2	962.8	
19	TAU, MANNY XX	HSS	SPORTSMAN	2836.4	962.2	S - 3
20	MORTON, RICHARD XX	TPG	SPORTSMAN	2816.2	955.3	
21	RODGERS, JOHN	PSS	EXPERT	2804.8	951.5	
22	HEMPHILL, JIM	ISS	SPORTSMAN	2766.2	938.4	
23	WEISMAN, EDGAR	TOSS	EXPERT	2749.5	932.7	
24	NEHRING, CURT	HSS	SPORTSMAN	2742.9	930.5	
25	RATNER, MIKE	PSS	EXPERT	2734.3	927.5	
26	FAULKENHAM, RON	ISS	EXPERT	2730.9	926.4	
27	HALLFORD, PHILIP	PSS	EXPERT	2702.8	916.9	
28	THOMAS, ROSS	HSS	EXPERT	2685.7	911.1	
29	HALL, DAVID	DUST	SPORTSMAN	2680.9	909.4	
30	VAN GUNDY, DON	TPG	EXPERT	2679.3	908.9	
31	CHILD, MARK XX	EDSF	SPORTSMAN	2677.8	908.4	
32	McNAMEE, DON	TOSS	EXPERT	2674.0	907.1	
33	FINKENBINER, KEITH	NCC	EXPERT	2670.0	905.7	
34	FINK, STEVEN	HSS	EXPERT	2663.5	903.5	
35	AKERS, THOMAS	TOSS	EXPERT	2652.5	899.8	
36	MORAN, MYLES	TOSS	EXPERT	2646.9	897.9	
37	ATWELL, BLAIR	HSS	EXPERT	2638.5	895.0	
38	WILSON, DAN	EDSF	EXPERT	2622.1	889.5	
39	DUNCAN, BILL XX	EDSF	SPORTSMAN	2622.0	889.4	
40	VAN GUNDY, SUE	TPG	SPORTSMAN	2611.5	885.9	
41	ABATO, GARY	SFVF	SPORTSMAN	2606.9	884.3	
42	TRIST, PAUL JR	SWSA	SPORTSMAN	2605.1	883.7	
43	RODRIGUEZ, JOE	ISS	EXPERT	2603.7	883.2	
44	BILLMAN, TODD	ISS	EXPERT	2590.8	878.9	
45	SMITH, STEVE	LVSC	SPORTSMAN	2577.8	874.5	
46	PARSONS, JIM XX	HSS	SPORTSMAN	2575.9	873.8	
47	SILVA, MANNY XX	ISS	SPORTSMAN	2574.8	873.4	
48	STAIRS, PETER XX	SFVF	SPORTSMAN	2564.1	869.8	
49	MARKLE, JIM	EDSF	EXPERT	2561.4	868.9	
50	BAGGERLY, GREG XX	ISS	SPORTSMAN	2561.0	868.8	
51	ANDERSON, KEVIN	SULA	SPORTSMAN	2560.7	868.7	
52	LEVOE, MARK	PSS	EXPERT	2560.0	868.4	
53	BUTKOVICH, DAVID	PSS	SPORTSMAN	2541.4	862.1	
54	POPE, BOB XX	EDSF	SPORTSMAN	2538.2	861.0	
55	KLATSKIN, BILL	EDSF	SPORTSMAN	2537.0	860.6	

## Beginner's Corner

by  
Ken Simmonds

I'm walking back from the landing circle, model and transmitter in hand. The stabilizer is wig-wagging around like a wet noodle in a hurricane. Just as I think I can make it to the car without further humiliation, I'm accosted by Harley Highstart. "They all break there," he says, as if to console me. I stifle the urge to say something cute, such as, "Go Hot-Stuff yourself to something heavy, H.H.," and I smile sheepishly. After all, Harley is the club's Grand Whizard of All Things Technical and I am the dummy holding the broken airplane.

Encouraged by my smile, the Grand Whiz lays a technical gem on me. "Don't have no doublers," he says. "Wallbanger 900's need doublers."

Back at the ranch, I contemplate the busted Wallbanger and wonder if there's enough five-minute epoxy and carbon fiber in all of Albuquerque to fix it, or whether I should cremate it and send its soul to that Great Landing Circle in the sky. Finally, in the middle of a sugar high from two Snickers bars and four Ring Dings, I get the courage to call old Hari and ask the \$64,000 question:

**"What's a doubler, Dude?"**

Here's what the Grand Whizard said:

"The rear fuselage of the Wallbanger is just a simple box made from Lite-ply and balsa sheet. It tapers down to quite a small cross-section right ahead of the vertical stabilizer and there isn't enough stiffness here to withstand the loads imposed by the vertical stabilizer in a bad landing. In fact, the stabilizer stiffens the very rear of the fuselage and concentrates the loads at the very point where your Wallbanger broke. What's needed is some local reinforcement to carry the loads forward to where the fuselage has sufficient cross-section to withstand them.

"This is where doublers are handy. They're just simply pieces of 1/32-inch plywood or lengths of spruce, 1/4-inch by 1/8-inch would be good, glued to the inside of the fuselage from the vertical stabilizer location to 2-3 inches forward. Figure 1 shows how they are applied. Note that the ends of the spruce are tapered, and the plywood doublers have a double fish-tail shape, to dissipate the loads progressively into the surrounding structure; if these parts ended abruptly, we would just create what is called a 'stress riser' at the end of the doubler, due to the structural discontinuity. It's very likely that the fuselage would now break at that point."

Thanks for the input,  
G. Whiz.

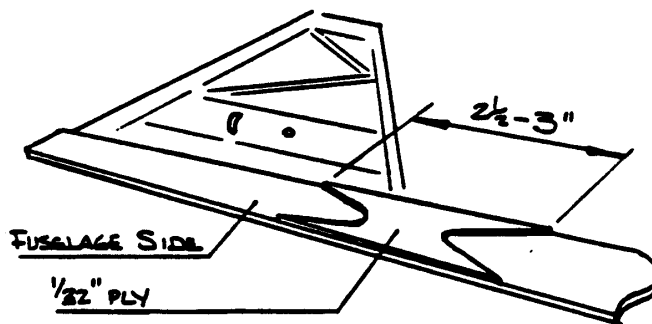


FIGURE. 1

