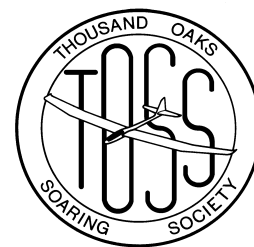


TOSSUP 02



May's Meeting

Last month's newsletter told of how we nearly became homeless after the Monte Sereno Homeowner's Association thought we were some kind of cash cow that needed urgent milking. We ended up at the Greenhouse and despite the relatively cramped conditions (no back room, one crowded table) we were able to have a good meeting. Attendance at club meetings has been steadily rising for some time and we're now getting a fairly consistent dozen or so people turning up each month.

Club business discussed at the meeting included the finances (we have money but we're spending it), the mugs (available as trophies and un-decaled for a nominal cost), the T-Shirts (we now have more XLarge) and the winchline (Myles is going to get yet more of it). Club business, ostensibly mundane but actually highly entertaining. So — if you're reading this and you don't come to the meetings drop in. If nothing else the food's OK (you can get a decent meal there for less than the cost of one at Denny's). ★

Servo Wiring

(Adapted from an article by George Siposs in Model Aviation, submitted by Don)

All servos have three wires connecting them to the radio — battery positive, battery negative and signal, the pulse that determines the servo position. Although servos from different manufacturers all use the same nominal 4.8 volt (four cell) battery supply and the same activating pulse (positive going, nominally 1.5 milliseconds wide every 20 milliseconds for a centered servo) the color coding and order of the wire differs from manufacturer to manufacturer.

Manufacture	Battery +	Bartery -	Signal
Futaba (J)	red	black	white
HiTec	red	black	white
Cirrus	red	black	white
JR	red	brown	orange
Airtronics	red	black(center)	black(edge)

Most manufacturers use the JR/Hitec scheme.

The servo connectors are similar three way Molex type female connectors. They differ in their polarizing arrangements (that's the shaped edge, locating pip or other arrangement that stops you plugging

them into the radio the wrong way round). Futaba has a lip next to pin 1 and Airtronics and HiTec have a rounded edge next to this pin. For all servos except Airtronics Pin 1 has the signal, Pin 2 the Battery positive and Pin 3 Battery negative. Airtronics has Pin 1 the signal, Pin 2 the Battery negative and Pin 3 the Battery positive.

Receivers are usually set up with the connector plugs at one end of the case. These are wired so that Pin 1 — the signal — is furthest from the case edge and nearest the receiver electronics proper. Accidentally reversing the servo plug in the receiver will not damage anything.

Transmitter charging connectors are all of the same basic coaxial pattern. All manufacturers with the exception of JR connect the positive to the center and the negative to the outside. JR reverses this, having the negative in the center and the positive outside.

Wiring colors often make more sense if you bear in mind the common number to color convention used in electronics. Black is 0, Brown 1, Red 2, Orange 3, Yellow 4, Green 5, Blue 6, Violet 7, Grey 8 and White 9. JR's seemingly odd choice of wire colors corresponds to wires numbered 1 to 3. ★

Charles Alvarez	28, 38
Tim Alvarez	28, 38
Aaron Amos	35
Charles Babcock	26, 44, 45, 57
Bill Barker	
Derek Bennett	11, 60
Tyler Bockelman	40
Craig Borstelmann	32
Greg Boswell	14, 26, 49
Steve Boswell	55
Richard Bunter	54
David Butkovitch	24, 27, 53
Tom Colp	38, 40
John Elias	20
Gary Filice	23, 25, 33, 50, 55
Doug Gilchrist	28, 30, 57, 58
John Gonzalez	59
Browne Goodwin	17, 18, 19, 20, 21, 22
Devin Holzer	47, 48
Bob Hutten	22
Rob Hutten	
Larry Jiminez	14, 30, 34, 38, 40, 49, 52, 55
Bill Karp	41
Terry Koplan	33, 42
Chris Koplan	38, 42
Art McNamee	40, 02 (53.4, 53.5 KG6J)
Don McNamee	20, 34, 39, 57
Lex Mierop	15, 54
Myles Moran	13,16,18,19,23,25,28,30,33,42,48,53.50
Bill Nibley	40, 44, 53.50
Don Northern	29, 32, 42, 44, 46, 48, 52
Jim Pendergrass	13, 14, 17, 30
Michael Prager	18, 26, 34
Mike Reagan	22, 26, 28
Hank Schorz	23, 29
Bob Shepherd	41
Tim Speed	53
Michael Stern	52
Bob Sutton	34, 38, 40, 44
Bob Swet	16, 25, 31, 34, 46, 54, 58
John Thayer	32, 38, 53
Paul Trist	
Martin Usher	37, 44
Bill Watson	52, 50.04, 50.07
Bill Wible	12

TOSS Frequency List

(06/07/02)



THOUSAND OAKS SOARING SOCIETY

Invites you to the August SC2 Contest

DATE: August 25, 2002

Location: Redwood School, Thousand Oaks, CA

CONTEST DIRECTOR: Mike Reagan

Entry fee: \$8.00

AWARDS:

Master - 1st thru 3rd
Expert - 1st thru 3rd
Sportsman - 1st thru 3rd
3 Function - 1st

Sign Up: 8:15 AM

Pilot's Meeting: 8:45 AM

Contest Start's: 9:00 AM

FIELD: Mowed Grass

EQUIPMENT: 12 Volt winches with retrievers
Approximately 675 feet to turn arounds.

TASKS:

4 Rounds ADD-THEM-UP

For a total of 26 minutes

Landings: 25 Foot tape worth 50 points

Flight Order: Open

Maximum time per flight is 8 minutes

Maximum value toward total time is 8 minutes

Flights scored as 1 Pt/Sec

1 Pt/Sec deducted for flight over 8 minutes

1 Pt/Sec deducted for total over 26 minutes

RULES:

Pilots must show current AMA cards.

10 Seconds to accept relaunch or to fly it out.

Transmitters and Receivers must meet AMA rules.

No Flying over launch area below launch height!

Field Location: (Thomas Guide: Pg 525, E6)

Redwood Intermediate School

Thousand Oaks, CA

On Gainesborough Road between Moorpark and Lynn

Public Restrooms nearby

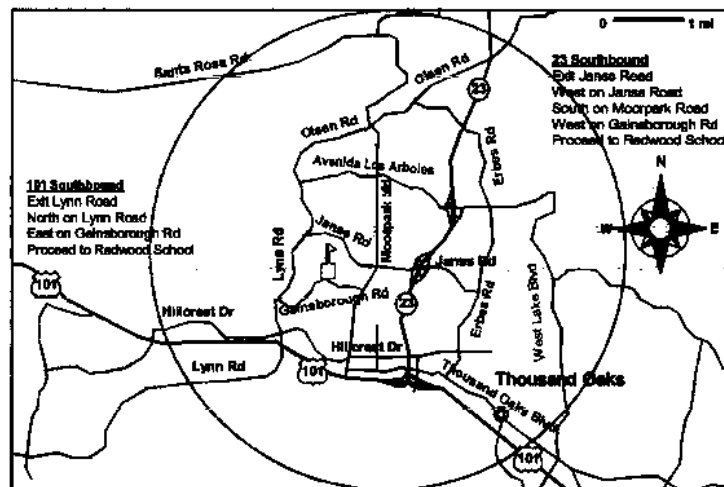
Call for addition information:

Mike Reagan – (805) 529-5513

e-mail: mreagan@netmeister.net

Myles Moran: (805) 379-0240

e-mail: myles01@gte.net



101 Northbound
Exit Moorpark Road
North on Moorpark Road
West on Gainesborough Rd
Proceed to Redwood School

Visit our Website:

WWW.TOSS.FREESERVERS.COM

BUILT UP BENT WING CONTEST

SUNDAY, AUGUST 11, 2002



BUBW 2002

LOCATION: REDWOOD SCHOOL,
THOUSAND OAKS, CA
Thomas Guide: Pg 525, E6

CONTEST DIRECTOR: Art McNamee

SIGN UP: 8:15 AM
PILOT'S MEETING: 8:45 AM

AWARDS:

OPEN:	1st thru 5th
JUNIOR:	1st
TEAM:	1st - top three pilots from each club count for team points.
All Entrants:	TOSS BUBW 2002 Mug

Built Up Bent Wings ONLY!

No Foam Allowed ! Maximum 3 Channels (Rudder, Elevator and Spoilers).
No moving trailing edge! NO EXCEPTIONS ! Fiberglass fuselages permitted.
Landing Devices permitted (subject to Contest Director discretion).

CONTEST STARTS: 9:00 AM

ENTRY FEES:

OPEN:	\$15.00
JUNIOR:	\$5.00
Entry Fees are Non-Refundable once the contest has started. Entry Limited to the first 100 pilots.	

TASKS: (Called Flight Order – if required) Additional Rounds may be added if time permits.

Round 1:	3 Minute Precision Duration*	Landing = 25 Foot Circle, In/Out for 10% of PD Score
Round 2:	5 Minute Precision Duration*	Landing = 25 Foot Circle, In/Out for 10% of PD Score
Round 3:	8 Minute Precision Duration*	Landing = 25 Foot Circle, 100 Points
Round 4:	4 Minute Precision Duration*	Landing = 25 Foot Circle, 100 Points

* Flight Time Scoring: One point per second, over or under.

RULES:
Pilots must show current AMA cards.
10 Seconds to accept a relaunch or to fly it out.
Transmitters and receivers must meet current AMA rules

FIELD: Mowed grass
EQUIPMENT: 12 Volt winches with retriever.
Approx. 675 ft. to turn arounds.

TEAMS: You must declare your club affiliation on your entry form. No changes will be allowed after your entry is received.

VISIT OUR WEB SITE:
WWW.TOSS.FREESERVERS.COM

CALL FOR ADDITIONAL INFO / RESERVATIONS:
Art McNamee: (805) 526-6292,
Myles Moran: (805) 379-0240

CUT OFF and SEND with payment the section below this line

MAIL ENTRY TO: Art McNamee, 950 Ashford Street, Simi Valley, CA 93065-5004
PLEASE make check payable to Thousand Oaks Soaring Society

Thousand Oaks Soaring Society Built Up Bent Wing Contest (August 11, 2002)

NAME: _____ **AMA Number:** _____

ADDRESS: _____

CITY: _____ **PHONE:** (_____) _____

STATE: _____ **ZIP:** _____ **E-MAIL:** _____

CHANNEL / FREQUENCY CHOICE: 1st _____ 2nd _____ 3rd _____

CLASS: OPEN _____ / JUNIOR _____ **TEAM / CLUB:** _____

Next Meeting:- Wednesday, June 26th at the Greenhouse Cafe, 7:00pm

Next (SC)² Winch Contest:- Sunday, June 30th at SWSA (Covina)

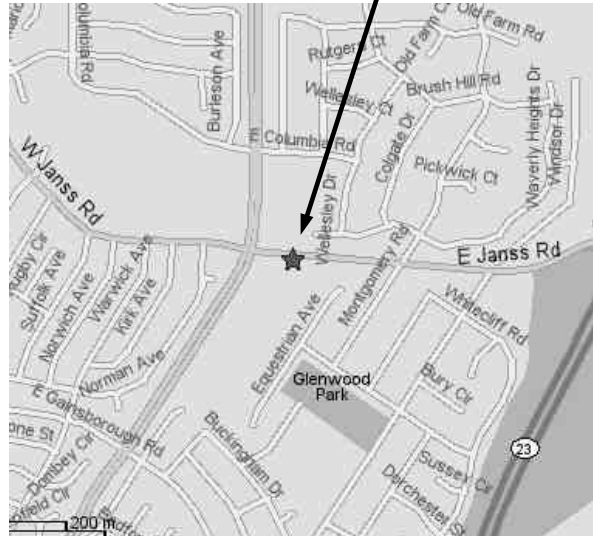
July's Club Contest:- Sunday, July 14th at Redwood

Next (SC)² HLG Contest:- Saturday, July 13th at HSS (Costa Mesa)

(SC)² Winch Contest: Sunday, July 28th at HSS (Costa Mesa)

TOSS's BUBW Contest: Sunday, August 11th at Redwood

TOSS's (SC)² Contest: Sunday, August 25th at Redwood



Thousand Oaks Soaring Society

Martin Usher

3081 Roundup Circle,

Thousand Oaks, CA91360

