June 02

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 croweded 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

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 centerd 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

(Adapted from an article by 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. Accidentaly 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.★

	,	June 2002 T	OSS M	onthly Co.	ntest (:	3 Minut	es for 900	Points	olus 3	(<8 Minute	s) Fligh	ts to m	nake 18 Mir	nutes, 1	June 2002 TOSS Monthly Contest (3 Minutes for 900 Points plus 3 (<8 Minutes) Flights to make 18 Minutes, 100 Point Landings)	ings)						
				ROUND 1	-		Round 2			Round 3			Round 4		Total Add	Seconds	Penalty	Total	Total	Grand	Normalized	Yearly Flier
NAME	CLASS	Glider	Time	Landing	Points	Time	Time Landing Points Time Landing Points	Points	Time	Landing Points	Points	Time	Landing 1	Points	Landing Points Em Up Time from Target	from Target	Points	Rnd 1	Add Em Up	Total	Points	Points
David Butkovich Open Compulsion 3:01	Open	Compulsion	3:01	95	066	2:10	80	405	7:51	87	1264.5	7:48	70	1240	17.82	<u>, '</u>	0	990.0	2909.5	3899.5	1000.0	1000.0
Myles Moran	Open	Falcon	2:56	42	922	7:45	56	1218.5	7:25	61	1203.5	2:46	81	496	17.93	-4	0	922.0	2918.0	3840.0	984.7	984.7
Gary Filice	Open	Addiction	3:04	85	965	7:59	62	1259.5	7:54	76	1261	2:08	21	341	18.02	-	2.5	965.0	2856.5	3821.5	980.0	980.0
Lex Mierop	Open	Nyx	3:00	50	950	7:44	0	1160	7:14	58	1143	2:59	50	497.5	17.95	-3	0	950.0	2800.5	3750.5	961.8	961.8
Mike Reagan	Open	Ole Misty	3:01	83	978	7:55	72	1259.5	4:17	74	716.5	7:47	68	1265.5	19.98	119	297.5	978.0	2646.5	3624.5	929.5	929.5
Mike Stern	Open	Addiction	2:58	06	086	4:38	80	775	7:57	65	1257.5	3:57	0	592.5	16.53	-88	0	980.0	2625.0	3605.0	924.5	924.5
Don Northern	Open	Gemini S	3:01	27	922	3:32	73	603	7:52	37	1217	5:39	0	847.5	17.05	-57	0	922.0	2667.5	3589.5	920.5	920.5
Bob Swet	Open	Cumic	2:38	70	860	2:32	86	466	7:51	69	1246.5	6:12	72	1002	16.58	-85	0	860.0	2714.5	3574.5	916.7	916.7
Jim Pender- grass	Sport	52	3:02	0	890	4:59	0	747.5	7:50	17	1192	2:05	2	314.5	14.90	-186	0	890.0	2254.0	3144.0	1000.0	806.3

2002 TOSS OVE	RALL S	TANDI	NGS						
NAME	CLUB	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TO- TAL
Gary Filice	TOSS	859.0	1000.0 0	1000. 0	1000. 0	921.6	990.9	980.0	6751.5
Don Northern	TOSS	1000. 0	987.42	991.9	938.6	869.9	998.5	920.5	6706.9
Mike Stern	TOSS	670.0	943.66	977.4	996.5		993.6	924.5	5505.7
Bob Swet	TOSS	925.2	741.61		893.8	903.2	996.4	916.7	5376.8
Craig Borstel- mann	TOSS	879.8	892.56	715.2	688.7	1000. 0	981.9		5158.1
John Ellias	TOSS		996.51	957.0	993.2	998.0			3944.8
Mike Reagan	TOSS		987.88		999.0	898.4		929.5	3814.8
Art McNamee	TOSS		888.95		685.5	502.9	1000. 0		3077.4
Myles Moran	TOSS		804.04			192.9	999.4	984.7	2981.1
Don McNamee	TOSS		317.61		621.4	893.2	996.8		2829.0
Lex Mierop	TOSS		939.95			867.8		961.8	2769.5
David Butkovich	TOSS		863.48		824.3			1000. 0	2687.8
Jim Pendergrass							781.6	806.3	1587.8
Bill Karp	TOSS		943.09			636.4			1579.5
Martin Usher	TOSS	382.0	692.32		447.4				1521.7
Browne Goodwin	TOSS	312.5	449.78		684.6				1446.9
Greg Boswell	TOSS				880.7				880.7
Chris Koplan	TOSS	876.3							876.3
John Thayer	TOSS					421.1	426.0		847.1
Terry Koplan	TOSS	815.4							815.4
Aaron Amos	TOSS				296.1	481.4			777.5
Jerry Kraynock	???	744.4							744.4
Jesse Boone	TOSS			652.5					652.5
Bill Nibley	TOSS	540.4							540.4

TOSSUP 02

Charles Alvarez	28, 38	
Tim Alvarez	28, 38	
Aaron Amos	35	TOSS Frequency List
Charles Babcock	26, 44, 45, 57	(06/07/02)
Bill Barker		(00/07/02)
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 KG6	.0
Don McNamee	20, 34, 39, 57	o)
Lex Mierop	15, 54	
Myles Moran	13,16,18,19,23,25,28,3	80 33 42 48 53 50
Bill Nibley	40, 44, 53.50	0,00,72,70,00.00
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		
Bob Swet	34, 38, 40, 44 16, 25, 31, 34, 46, 54,	58
John Thayer	32, 38, 53	
Paul Trist	52, 50, 55	
Martin Usher	37 11	
	37, 44 52, 50,04, 50,07	
Bill Watson	52, 50.04, 50.07	
Bill Wible	12	
1		

TOSSUP 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

TASKS:

4 Rounds ADD--THEM--UP For a total of 26 minutes Landings: 25 Foot tape worth 50 points Flight Order: Open

RULES:

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

Field Location: (Thomas Guide: Pg 525, E6) Redwood Intermediate School Thousand Oaks, CA On Gainesborough Road between Moorpark and Lynn

Call for addition information:

Mike Reagan - (805) 529-5513 e-mail: mreagan@netmeister.net

Myles Moran: (805) 379-0240 e-mail: myles01@gte.net In the second school school
In the second school
In the

101 Northboand Edt Moorpark Road North on Moorpark Road West on Gainsborogh Ro Proceed to Redwood School

Visit our Website: WWW.TOSS.FREESERVERS.COM 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.

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

No Flying over launch area below launch height!

Public Restrooms nearby

TOSSUP 02

BUILT UP BENT WING CONTEST	Γ
SUNDAY, AUGUST 11, 2002	

					BUB	W 2	202
LOCATION:		REDWOOD S	SCHOOL,				
The	mas Guide:	THOUSAND (Pg 525, E6	OAKS, CA		Built Up Bent	Wings O	NLY!
CONTEST D		Art McNamee	L .	No moving tr	llowed ! Maximum 3 Cha wiling edge! NO EXCEPT g Devices permitted (subje	IONS Fibergler	ss fuselages permitted.
SIGN UP: PILOT'S MI	EETING:	8:15 AM 8:45 AM			CONTEST STA	ARTS: 9:00	AM
AWARDS:					ENTRY FEES:		
	OPEN: JUNIOR		nru 5th			OPEN: JUNIOR:	\$15.00 \$5.00
	TEAM:	1st -		from each club		Entry Fees	are Non-Refundable ntest has started.
	All Entre		t for team point S BUBW 2002				d to the first 100 pilots.
TASKS:	(Called	Flight Order – i	f required)	Additional Ro	unds may be added i	f time permits	i.
	Round 1	l: ¯	3 Minute Pre	cision Duration*	Landing = 25 Foo	t Circle, In/Ou	It for 10% of PD Score
	Round 2	-		cision Duration*	Landing = 25 Foo	t Circle, In/Ou	It for 10% of PD Score
	Round 3 Round 4			cision Duration*	Landing = 25 Foo Landing = 25 Foo		
	* Eliabt '	Time Scoting:	One point per s	econd, over or und	er		
	i ngin	nne oconig.	one point per e			\$ 4	
RULES: Pilote must e	how current A	MA carde			FIELD:	Mowed gra	195
		iaunch or to fly	it out		EQUIPMENT:	12 Volt wir	ches with retriever.
			rrent AMA rules	•			5 ft. to turn arounds.
TEAMS: Y	ou must decla	are your club at	filiation on you	entry form. No cha	anges will be allowed	after your en	try is received.
VISIT OUR V	VEB SITE:				CALL FOR AD	NTIONAL INF	O / RESERVATIONS:
	S.FREESERV	ERS.COM			Art McNamee: (Myles Moran: ((805) 526-629	12,
		27T 70D /		. Mar			•
			JFF and SENI	with payment the	e section below this i	une	
	MA	AIL ENTRY TO Please			reet, Simi Valley, CA and Oaks Soaring So		4
	Thou	sand Oak s S	oaring Sociel	y Built Up Bent	Wing Contest (A	lugust 11, 2	:002)
NAME:					AMA Nuo	nber:	
ADDRESS:							
CITY:				PHON	TE: ()		
STATE:		ZIP :		E-MA	IL:		
CHANNEL	/ FREQUEN	CY CHOICE	: 1*	2 nd		_ 3 rd	•
CLASS: O	PEN	/ JUNIC)R	TEAM	I / 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

