

THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 269

Produced by the Victorian Control Line Advisory Committee



November 2021
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PRODUCTION SPECIFICATIONS

Please send any submissions for publication by CD/memory storage device or use Email.

Contest results should be tab delimited, i.e. use a single tab between each column of results, if submitted by disk or email. This makes formatting much easier on the editor.



COMING
EVENTS



VICTORIAN CONTROL LINE CONTEST CALENDAR 2021

DATE	EVENT	CLUB
Nov 14	Combined Speed , Warbird Stunt and Nobler Stunt.	CLAMF
Dec 12	Vintage A, Classic B, Classic FAI .	CLAMF
Dec 28-Jan 4	West Wyalong National Championship.	NSWFFS

Events will be flown in order of printing. Events in **Bold type** will be flown over hard surface.

CLAMF Frankston Flying Field, Old Wells Rd, Seaford (Melway 97J10), GPS -38.086777,145.148009
10.00am start

Contact :- Secretary, H. Bailey (03) 5941 5978

Email :- clamf@ozemail.com.au

Web site :- <http://clamf.aerosports.net.au>

KMAC Stud Rd. Knoxfield
(opposite Caribbean Gardens) (Melway 72 K9) 10.00am start
Contact: President:- Reeve Marsh 0405 001 008
Email:- knoxmacvic@gmail.com
Web site :- <https://sites.google.com/view/knox-model-aircraft-club/home>

CLAG has monthly fly-ins at the Moe Race Track every first Sunday of the month.
Contact :- Reeve Marsh 0405 001 008

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Pakenham 3810
Victoria
Email:-

hbailey@optusnet.com.au



COMING
EVENTS



C.L.A.S. CONTEST CALENDAR 2021

DATE	EVENT	CLUB
Nov 7	Festival of Speed.	KMFC
Nov 14	F2B Aerobatics	SSME
Nov 28	KMFC Christmas Party and Fun Fly.	KMFC.
Dec 5	F2B Aerobatics.	Doonside
Dec 28-Jan 4	West Wyalong National Championship.	NSWFFS
KMFC -	(Ku-ring-gai Model Flying Club) - St. Ives Showground, Mona Vale Rd, St. Ives.	
SAT-	(Sydney Aeromodelling Team) - "Duck Pond", Ashford Road, Milperra.	
SSME -	(Sydney Society of Model Engineers) - Model Park, Luddenham Road, Luddenham.	
DOONSIDE-	Baseball diamond, Whalan Reserve.	

CLASII IPSWICH QUEENSLAND CALANDER 2021

Nov 6	27 Goodyear, Classic B
Dec 11	Christmas Breakup, Vintage Combat.

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5655

POSTAL CLASSIC FAI (International)

W.A. ran their second round on Sunday, 19th September but there was little or no improvement in performance. All contestants used Rothwell R250 engines and were pretty evenly matched. Only two heats each were run leaving the third available if anyone wants to try again.

Now awaiting for Victoria, South Australia and New Zealand plus any International teams having an attempt. I'm afraid lockdowns are still making it very difficult for some to even have a fly. Good luck to anyone who wishes to compete - ALL WELCOME. If you miss out this year I will be scheduling another round early next year. Here are the results so far.

In light of the extended lockdown in Victoria and difficulties elsewhere I am increasing the finishing date until the end of NOVEMBER. Let's see some more attempts. The whole idea of the Postal comp is to help and encourage racers around the world to enter a competition that may be impossible to hold in their location. Let's, somehow, keep team racing alive.

Norm Hinton

Times in RED used pressure refuelling and have 5 secs added

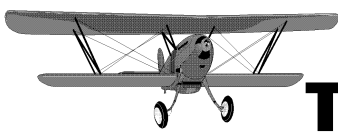
UK Results taken from both their Nationals (BLACK) and their Barton Racing event

COUNTRY	TEAM NAMES	HEAT 1	HEAT 2	HEAT 3	ENGINE
England	Waters / Burns	04:36.2	DNF	DNF	
	Fitzgerald/ Holland	04:31.0	DNF	DNF	
	Ross / Court	34 laps	05:33.9	DNF	
	Hill / Rogers	04:48.7	DNF	DNF	
	A Clarke/D Clarke	06:40.2	14 laps	DNF	
	Toogood / Lewis	04:51.0	05:10.3	DNF	
	Cannon/Pinkerton	06:16.5	05:41.0	DNF	
	Barton Fitzgerald/ Needham Fry / Winstanley	04:41.6 40 laps			
Western Australia	Letchford/Walton	04:49.0	04:47.4		(R250)
	R Bellis / Gannon	04:38.7	04:43.5		(R250)
	B Bellis/Sherburn	04:51.8	04:54.7		(R250)
South Australia	Fitzgerald/Leknys	04:00.4			Cipolla RISE
	Cameron / Dislers	04:33.1			Rossi Mk II FIRE
	Bainbridge/Morris	78 laps			Fora Pioneer/Parra FISE
New Zealand	Rod Brown	04:47.92	04:23.22		K&B 15

Duncan Bainbridge said he spent far too much time faffing around with getting his stuff to work properly to take any photos of the S.A. competition, hence the one recorded time, they decided to go with the best of the bunch! His Fora is going to be looked at by Rob as the timing is a bit too conservative and Alan's Parra was vibrating too much but shows great promise in a Ray Harvey built Turtle. Rob was using a 1984 original WC model with a Cipolla and Paul a later version Turtle with a Rossi FI RE. Duncan's model is a Timepiece built for the Original Barton 15 rules in the UK. Pic attached.



The "Timepiece" model belonging to Duncan Bainbridge.



AROUND THE CLUBS

After many months of covid travel restrictions in Metropolitan Melbourne we were once again allowed to get down to the clubs flying field on Sunday 24th October.



The windy weather and wet field did not deter half a dozen club members from making an appearance if only to have a catch up and a bit of a natter.

Gavan Opperman and Harry Bailey chanced their luck with some stunter flights in the gusty wind but were conservative with their choice of manoeuvres.



Harry had been busy during lockdown repairing his "Demon" that was damaged at the Vic State Champs and also building an ARF Top Flite "Nobler" and was keen to compare build and trimming notes with Andrew Nugent and Mark Ellins.



Left:- Gavan Opperman with his "KA10/OS 46AX"

Right:- A repaired vintage "Demon/Frog 500" that had it's nose broken off at this years Vic State Champs.

Warbird Stunt and Nobler Stunt is listed on the CLAMF contest calendar for November 14th.

Providing that all Covid activity restrictions have been lifted by then and the weather is favourable, then these three Noblers and others could be back in the air for the first competition in Victoria for a very long time.

CLAMF have complied with the current regulations and have obtained a QR check in code so please check in when attending the club field.



From the October 1st Model Aeronautical Association Australia facebook page.

Today was Tyson Dodd's last day as Secretary of the MAAA.

As immediate past President I thank him for his efforts and support during my Presidency. Tyson tirelessly worked to assist members to enjoy the passion of aeromodelling. A major notable achievement being the negotiations with CASA to obtain exemptions for members from compulsory licensing and registration of model aircraft, together with the recognition MAAA flying sites. There were many more. The job of secretary is not as simple as some believe and I know Tyson put in many more hours than required, well above his pay scale. Tyson is most respected by aero modellers both nationally and internationally. I wish Tyson and his family all the best in the future; now Tyson, you can once again go out and enjoy your passion. I trust we can catch up at some future events.

Neil Tank.

Past President MAAA



Recent Combat and Speed activities in Perth.



Vintage Combat on 24th October was keenly contested by the top four. The final saw Bruce on top with 4 cuts to 3. It was a very entertaining exhibition put on for the small crowd of onlookers.

Our Club Speed comp for October consisted of 2x F2A, 2x Sport Jet and a Class-5.

Cheers T/Rev.

2021 West Australian State championships Vintage Combat						
Competitor	Round 1	Round 2	Round 3	Round 4	Final (sudden death)	Placing
Bruce Bellis	L	W	W	W	W	1
Richard Bellis	W	W	W	L	L	2
Jim <u>Stivey</u>	W	W	L	W	L	3
Kim Parks	W	L	W	L		4
Ian Thompson	W	L	L			5
Emily Parks (junior)	L	L				6
Trevor Letchford	L	L				6



WA October 2021 combined speed

Competitor	Speed Class	Flight 1	Flight 2	Flight 3	Flight 4
Todd Zanetti	Stock Jet	12.82	12.32	12.39	12.20
Bruce Bellis	F2A	N/T	N/T	N/T	-
Richard Bellis	F2A	N/T	13.92	-	-
Bruno <u>Butkevius</u>	Class 5	N/T	17.18	16.84	-
Ian Thompson	Stock Jet	N/T	12.91	12.85	13.20





Activity & Date	Social Events	Stadium FF/RC indoor	CL Aerobatic McAllister	CL Speed AB Hardstand	CL Combat and Racing AB Field Grass	FF AB Field	SAMs AB Field	F5J, F5B AB Field
Tue 28 Dec 2021			Demo Fun Fly/try day/Prac	Practice 9am-1pm Combined/Jet Speed 1pm Junior 2.5cc Rat	Practice 10am-5pm F2d	Practice & fun fly every day - see CD each day F4A 7 am - 10 am OPEN RUBBER 8 am - 12	Practice	Practice
Wed 29 Dec 2021			9am-4pm F2B Rd 1 AEROBATICS Adv & Exp	9am-1pm F2C T/RACE Heats 1&2 1pm Classic FAI T/R	8am-5pm 1/2A Combat	P30, F1J, Vintage Rubber Vintage Glider	Practice	F5B
Thu 30 Dec 2021			9am-4pm F2B Rd 2 AEROBATICS Adv & Exp	11am-2pm F2C T/Race Heats 3&4 F2C Finals	8am-10:30am Slow Combat 2.5 Vintage A T/R	8am-2pm F1B, Open Power Fly off 4:30 pm 6.00-7.00pm Night Scramble 7.00 PM Country B8Q	9am-1pm 2cc Duration 1pm-5pm Standard Duration	F5B
Fri 31 Dec 2021	7.00 PM Country Lamb Roast dinner, wine and Camp fire	Electric control line Aerobatics and HLG Practice.	9am-4pm F2B Rd 3 AEROBATICS Adv & Exp	2pm F2F T/Race 11:30am-5pm Open R/ Race, SNR 2.5cc R/Race	8am-11am CLASSIC B Team racing	8am - 2 pm F1A, F1C Flyoffs 4.30	9.30am-10am Sport/Cabin SCRAMBLE 1pm-5pm Vintage Glider	TBA or practice
Sat 1 Jan 2022	6pm-9pm swap-meet at indoor stadium	9am-2pm Practice fun fly Peanut / Open scale static. 2pm-6pm Peanut / Open scale comp	9am-4pm F2B Rd 4 AEROBATICS Adv & Exp	9am-11am Round 1&2 F2A SPEED GOODYEAR.	TBA	9am-1pm 1/2A Texaco Flyoffs 4.30	9am-1pm Gordon Burford 1pm-5pm Texaco	TBA practice
Sun 2 Jan 2022		10am-3pm Practice fun fly. 3pm-9pm HLG & CLG, Hangar Rat & Hangar Rat Scramble	Classic Stunt	9am-11am Round 3&4 F2A SPEED 11am GOODYEAR 27sec/10 laps	8am-9am Day Scramble 9 am - 12:30 pm Combined HLG, CLG & DLG 9am - 2 pm E36	8am-9am Day Scramble 9 am - 12:30 pm Combined HLG, CLG & DLG 9am - 2 pm E36	9am-1pm Gordon Burford 1pm-5pm Texaco	F5J
Mon 3 Jan 2022			Vintage Stunt	9am-11am Round 3&4 F2A SPEED 11am GOODYEAR 27sec/10 laps	8am-5pm OPEN COMBAT	8am-2pm 1960's Coupe Vintage power	1pm-5pm Nostalgia	F5J
Tue 4 Jan 2022			F4B	Reserve Day	8am - 5 pm VINTAGE COMBAT	F1H, F1G, OZ Diesel	9am-10pm 38 Antique. Afternoon reserved for any cancelled event	

8/02/2021:11:17 AM

WW Nats Program V2.2

We will still accept entries with no penalty and may also accept entries on the day, perhaps a bit difficult but we will cope. The F5J (Electric Glider) blokes are running their contest a bit later to coincide with another contest but that has been sanctioned.

Terry Bond

The Right Screwdriver

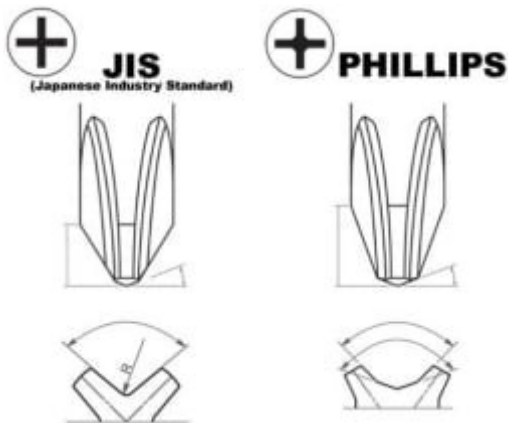
Maris Dislers

Life was simpler in the olden days, when all screwdrivers had flat blades. Then you only needed to find one with correct width and thickness to suit a particular screw slot. Of course, lazy types just used whatever did the job, burring the edges. Reminds me of the old joke about electricians using a screwdriver as a chisel and hammer as a screwdriver. You need the right tool to do it properly.

In his article on mufflers, Joe Supercool lamented that his nifty, lightweight OS Jetstream muffler would fall apart in use and its screws would be lost. I recently needed to attach a Jetstream to an early OS Max 35S engine. First obstacle was finding attachment screws to fit the outdated crankcase thread. It's the old Japanese Industrial Standard (JIS), not the current ISO metric standard. Actually, a better thread shape for holding in aluminium, which is why the Japanese model engine makers didn't instantly switch over to the new standard. Those screws are very uncommon outside of Japan now, so I repurposed two cylinder hold-down screws from a bones OS Pet Mk 2.

Now comes the interesting part. My Phillips and Pozi screwdrivers were a poor fit. Until now, I would have made do and used what I had. But, with a little more searching, I found a good fit among my jewellers' screwdriver set. Terrific feel and all screws tightened nicely, just a little difficult with the tiny handle. The muffler works well and did not come apart in use.

Those crosshead screws in OS and Enya engines have been a source of trouble for many and maybe Joe Supercool and the rest of us simply need the correct JIS screwdriver. The diagram below shows how it is different from the common Phillips type. Very similar, except the JIS driver has shallower angle and smaller inner radius for longer blade face. A Phillips screwdriver in JIS screw can bottom out or not fully engage, causing it to damage the slot and is unable to properly tighten. On the contrary, a JIS screwdriver also works well in Phillips screws. I ordered some genuine Japanese JIS screwdrivers. Use #1 JIS for OS screws and #2 JIS for ENYA screws. Then again, the three screws holding the OS Jetstream together also need # 1 JIS, but are recessed in a way that only the smaller #0 driver can go in. A sloppy fit, so maybe Joe had a point after all.



Actually, comparing #1 Phillips and small JIS screwdrivers shows very little difference in the base radius. Only slight taper and blade thickness differences. A reasonable fit can be achieved by grinding away the tip of the driver, so at it can enter at a spot where the blade is wide enough for a snug fit up top where it matters. Hexagonal Phillips inserts are cheap and easily obtained at the local hardware store, so you could custom fit one for a particular Japanese screw, if JIS driver is not available.

Finally, take a look at the edges of your cross-tip screwdriver's blades. If significantly worn/rounded, it might be time to repurpose it as a hole punch.

JIS screws are identified by a stamped dot adjacent to the slot.



While on the subject, we often see screws of the Pozidriv type. Identified by a stamped "X" across the cruciform slot. Many Taipan "Goldhead" 2.5 and 3.5 screws have been ruined by owners using Phillips screwdrivers in the Pozi screws. Correct screwdrivers or bits are readily available at the hardware store.

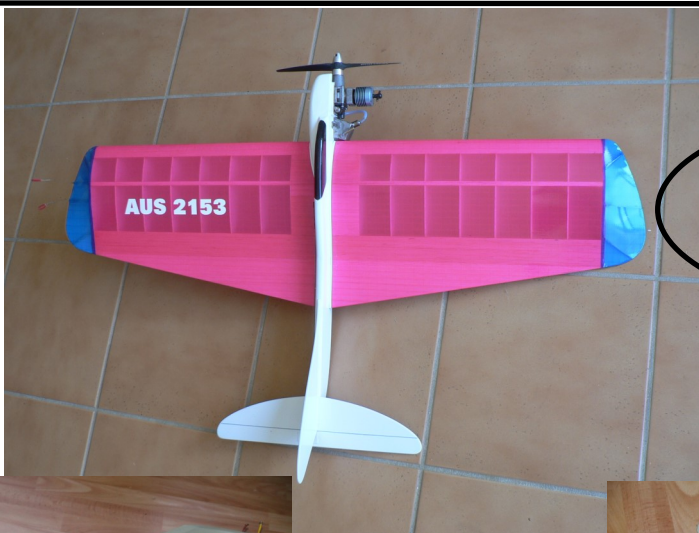


Editors note:- My understanding is that JIS screws are commonly used on some Japanese motorcycles and often get their heads damaged by using the incorrect screwdriver.

I have purchased a JIS screwdriver set and they came from a motorcycle spares supply shop.

In between a couple of free flight scale models I built this Peacemaker. ETA 15 in the front, hope to fly it next week-end.

Roy Summersby



New Models



Here are my new toys that I am yet to master. It's amazing what a little covid does.

Malcolm Campbell



For Sale

I have some used model engines from circa 1975 that I am selling that your members might be interested in; I would be very pleased if you would please pass onto your members:

Enya 35 model 5224, 6 cc with ball bearing prop shaft & muffler. \$120 ONO including postage

Enya 15 model 3303, 2.5 cc with muffler \$80 ONO including postage

Enya 15 model 3303, 2.5 cc (no muffler) \$60 ONO including postage

Regards

Ross Goodings

M 0143 008 345

ross.goodings@gmail.com

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38µ (micron) Mylar laminating film (heat activated adhesive).

Suitable for C/L combat models, great for F/F models.

Even better with tissue doped over it for a 'vintage look'

This is very close to the 'Oz Cover' that was sold by Saturn

Hobbies many years ago.

1m x 5m \$20 + postage at cost.

feraldoghunter@gmail.com

Danny Ms mob # 0477224751

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For the newer readers, we point out that "private" (personal) ads are free to subscribers, and "commercial" ads are \$20 per quarter page, or \$5 for business card size. Commercial Advertisers can receive a free business card size ad for submitting original articles of interest to A.C.L.N. readers.

Copy or artwork for ads should be sent to the editor, cheques to the treasurer (M. Wilson P.O. Box 298 Seaford, Vic. 3198) If you want to save a stamp, I can forward on any cheques sent with ads, but please make them payable to "Control Line Advisory Committee"

Taipan propellers in the following sizes available:

Flexible white nylon 7x6 \$2.20 each.

Small number of black (Glass Filled)

7x4 & 7x6 left @ \$2.50 each

9x6 Black GF \$3.00 each

10x4 Black GF \$3.50 each

10x6 Black GF \$3.50 each

+ letter post or parcel post rates depending on size, weight & quantity ordered.

Pure, first pressing Castor Oil:

Note: New price increase below due to a 20% price increase from my supplier effective 1/12/19

2.5 litre \$35 +3 kg satchel Auspost price

4.0 litre \$50 +5 kg satchel Auspost price

4.9 litre \$60 +5 kg satchel Auspost price

Pick up only 5lt castor oil price is \$60

Above prices inclusive of new container cost

Premixed Diesel fuel in new 500 ml & 1 let steel containers \$22 & \$35 respectively

I cannot post diesel fuel (i.e. dangerous goods) unless you can arrange with your own courier

PayPal "gift payments" accepted

Bank EFT deposits accepted.

Cash accepted.

PH Ken 0433 797 058 comb.kid@hotmail.com

As some of you already know I have taken over the manufacturing of CL props for Supercool props.

Email me for any enquiries / orders

F2C , GY, Speed , Free Flight & other props available.

Contact Ian Thompson

iandthompson@msn.com mobile 0451085325

Be considerate with phone calls. I am in WA & there is a time difference from Eastern States.

U.S. Hard rock maple bearer wood, precision cut and machine sanded.

Cost \$4.50 each plus postage. All lengths 12"

Sizes: 3/8"x3/8"

3/8"x1/2"

1/2"x1/2"

Also, I now have a stock of 3/16" sq. and 1/4"sq rock maple spars.

All spars are precision sanded with 150 grit. \$4 each plus postage.

TCA Italian glow plugs in Australia.

I have for sale a large range of TCA glow plugs.

TCA supply Luca Grossi the current F2A European champion.

There are std type 1/4x32 thread, Nelson style tapered seat with flat coils and the "turbo style" tapered seat.

Italian made TCA Nelson type combat plugs arrived for those that might be interested, \$8 each plus postage.

email: aheath296@gmail.com

Speed pans for sale. 2cc size (\$25) and 21 size. (\$30)
Also small amount of Nelson type T/R pans. (\$25)
All pans in the "as cast" state. Not finished.
Andrew Nugent. andrew.n5@bigpond.com

I can now produce wings and tailplanes that are shaped on a Computer Numerically Controlled (CNC) router and can be any planform and shaped with any section although I have my favourites. The finish and accuracy of these products has to be seen to be believed.

They have laminated leading edge and reinforced front panel on the outboard wing for catching.

Internal control grooves and bellcrank assembly are also part of the package. They are ready for glassing as supplied. A shut-off actuator can be supplied as part of bellcrank assembly if required.

I can also supply spruce for leading/trailing edge etc. cut to any section size.

I can be contacted via Facebook or

Mobile 0404205562

Ray Harvey

I've decided it's time to start clearing out the cupboard and I've come up the following list as a starter:

Early ST46 case. Unused, pre-muffler lugs.	\$20.
Bull Ring 46 case. Unused.	\$20.
Stalker 61 Pro Series Gold Head. In good condition. Hasn't done a great deal of work.	\$250.
Enya 45 6001. With Enya muffler. Run-in but never flown. Ring may be gummed up.	\$150.
Fox 29. Good condition, excellent runner.	\$70.
Raduga 7 with factory muffler and integrated spinner. Bench run only.	\$75.
OS S35. In good used condition.	\$70.
Frog 500. Good nick, great runner, thin lug model. #1	\$100.
McCoy 19 Red Head. New, un-run.	\$70.
OS Pet 09. Finned head.	\$20.
Merco 35. No head paint, had little running.	
Small score on piston. #7	\$70.
Merco 49. Good condition. R/C carby.	\$90.
Veco 35. Series 150, 200 ?? Matte case, large shaft, with muffler. #2	\$80.

I have compiled a complete list which I can email out to anyone who is interested or curious.

Contact: Peter White mob. 0401 496 265 (Perth times are E.A.S.T. less two hours) or peterwhite1942@hotmail.com

WANTED

New or good second hand P/L ass to fit a Nelson T/R diesel.
To be used in Classic FAI Team Race.

Colin Leknys:- lekos1@bigpond.com

Owen T 2.5 D

Conrod for an ETA Elite

Taifun, Meteor or Komet

Contact Wayne Wilson

whyzedman@hotmail.com



Picture by Richard Tapp of the line up of "Ringmaster" models flown at the Ringmaster Fly A Thon at the South Coast Model Aerosport Club in South Australia.

AUSTRALIAN CONTROL LINE NEWS

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