

THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 203

Produced by the Victorian Control Line Advisory Committee



November 2015 INSIDE THIS ISSUE

Contest Calendars.

Notices.

New Models.

NSW State Champs in Albury.

Around the Clubs.

World Wide Ringmaster Fly-a-Thon.

For Sale and Wanted.

PRODUCTION SPECIFICATIONS

Pease 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.



VICTORIAN CONTROL LINE CONTEST CALENDAR 2015

DATE	EVENT	CLUB	
Nov 8	Speed, Warbird Stunt, Combat (TBA)	CLAMF	
Nov 29	Doug's Vintage Stunt, combined with		
	"All Aussie Day"		
	and Vintage Combat (rescheduled)	KMAC	
Dec 13	Vintage A, Classic B, Classic FAI	CLAMF	
Dec 13	Club Day and Christmas Party	KMAC	
Dec 27—30 CLAMF Grand Prix			

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 :- H. Bailey (03) 9543 2259
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:- Steve Vallve 0409935358 or

Bruce MacKay 0418380014

Web site :- https://sites.google.com/site/knoxmacv/home

CLAG has monthly fly-ins at the Moe Race Track every first

Sunday of the month.

Contact :-Treasurer. Alan Frost Email:- afrost2@skymesh.com.au

Phone 03 52817350 Secretary. Graham Vibert Phone 03 51346393

Send your articles for publication to

Newsletter Editor

Harry Bailey.
3 Bailey Place
Pakenham 3810
Victoria
Email:-

hbbailey@optusnet.com.au



C.L.A.S. CONTEST CALENDAR 2015

DATE	EVENT	<u>CLUB</u>
Nov 1	F2B Aerobatics	Doonside
Nov 22	Vintage T/R and Diesel Goodyear.	KMFC
Nov 22	Classic Stunt.	NACA at Gateshead
Nov 29	KMFC Christmas Party and Fun Fly	. KMFC.
Dec 6	F2B Aerobatics.	Doonside.

Events marked *** are qualifying rounds for the 2016 C/L World Championships.

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.

Grass Rat Race Competition

Date: November 7th 2015

Venue: AAC, Unley Road City

Time: Practice from 9 am

1st Round starts 11 am

Format: 2 Rounds of 10 minute heats.

20 minute Final (teams with 3 best heat times)

<u>Catering:</u> Soft drinks only for sale, BYO everything else

Notes:

All entrants must be MAAA members with a membership card.

Safety straps are required on all handles in all events.
All glow motors 2.5 cc and above must be fitted with an effective muffler.

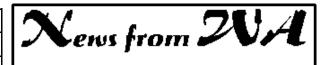
All rules per MAAA 2.5 cc Rat Race except no ROG requirement.

For further info contact: Peter Anglberger 8264 4516 or 0448 433 282 World Championships Bulletin Number 2 is available here:- http://www.cl-wch2016per.org/Bulletins/Bulletin_2.pdf

Below is an addition to the World Championships program.

This is a separate competition and is not part of the World Champs or the World Cup.

2016 WEST AUSTRALIA CONTROL LINE CHAMPIONSHIPS					
Date	Hard surface	Grass			
Sunday	F2F Team Race	Vintage Combat			
May 15 th 2016		(Aust rules)			
Monday	Classic FAI	27 Goodyear			
May 16 th 2016	(Aust rules)				
Tuesday	Combined Speed				
May 17 th 2016					





The views and opinions expressed in ACLN do not necessarily reflect those of the Editor or Committees of Clubs or of the members of the Club represented in ACLN but are those of the respective authors.

Any comments, queries or complaints with respect to any article in this publication should be addressed to the author of the article.

The Editor and Committee of Clubs accept no responsibility or liability for any loss or damage incurred or suffered by anyone as a result of this publication or in reliance upon or as a result of acting upon anything contained in this publication.



Taipan Reproduction Engines

Adelaide Aeromotive Pty. Ltd. A.B.N. 115 387 061 aamotive.com > engines > single cylinder

Rebores and Repairs to most *Taipan* and all **glochief** engines. **aamotive.com** > repairs

Email us for a free quotation! aamotive@gmail.com

SUBSCRIPTION APPLICATION ARE YOU BORROWING?

If you have just finished reading somebody else's copy of Australian Control Line Newsletter, why not get in now and order your own copy?

For Australia and New Zealand the cost is \$25 Aus and other countries \$35Aus.

For this amount you will receive eleven issues of this newsletter and be up to date on Control Line both in Australia and elsewhere.

There is also an additional option to have it sent to you by email if you desire.

Annual email only subscriptions are \$15 per year. You can order from:

M.WILSON P.O. BOX 298

SEAFORD

VICTORIA 3198 AUSTRALIA

NAME———	
ADDRESS———	
POSTCODE—	
TELEPHONE-	
EMAIL———	

New Models

Here's my new model for GY/27 - It's an Ohm Special, Olly III MOD tweaked by Robbie Hiern, Nugent tank valve from ACLN ad. Finish 0.58oz glass cloth and Zap Z-poxy, K&B epoxy paint. Have a spare forwarded raked u/c leg for grass;

As yet un-flown due to problems accessing MAAA circle at TCMAC, maybe I shall be permitted to fly it at the NSW State Champs.



Danny recently had an article in this newsletter about a Weatherman Speed model that he had built. In the article he stated that the line length on which the model should be flown as being incorrect. This error was pointed out to me by a reader in the UK.

I checked back to the Aeromodeller article and it actually says the centre of the handle to the centre of the engine is 16 meters (52'6").

8 laps = 1/2 mile.



Hi Harry.

I realised my mistake; It was a typo.

Actually made up new 52'6" lines in front of the visitors to Albury on the long weekend and pull tested the lot to 20kg and then flew the model for the fun of it; very stable.

Now building a Nike after scaling the original 1954 plan - had to increase the chord by 1/8" to meet the aspect ratio rule, still looks like a speed model (it's now 10.78:1). Lol, gunna be a bugger to catch - MRS tuned Olly.

Then planning another Brian Deason 'Shorty', surprised that more people don't build this one, it's quite quick and an easy build. (+ it's Australian)

Danny

While having a rest from flying I decided to build a model for one of my old FROG 180 diesels.

I decided to build a Frog "RADIUS" which was the first control line kit Frog put out in 1948, same year as the motor .

The Radius is a trainer, the fuselage was made of 2 pressed halves, but the plan that I got from Ian Smith (who is also building one), is made of planked balsa, like a Carvel boat construction.

Made in top and bottom halves on a board, with 1/2 bulkheads then joined.

The alloy cowl has been "engine turned ". I have always wanted to do that type of finish since seeing the film Spirit of St Louis. Lindberg's plane had the whole cowl done like that.

To do it, I mounted the sheet of sheet alloy .010" Dural (soft alloy would maybe give a better finish) in the mill then put a 3/8 "dia wood dowel in the chuck and with abrasive on dowel pressed down onto alloy.





To get and even overlap I used the cross and length wheels to move table a set amount .

I made a fitting to go into the tank so it picks up on outside of integral tank. Tank was meant for free flight so pickup was originally in the centre of bottom.

Frog decals were made on printer using the decal paper, then spraying with acrylic lacquer.

Model has yet to fly.

This will be a start for a new speed class, just as soon as I can get an ABC piston and liner for a Frog (ONLY JOKING). I really built it because I just like the old English stuff.

I also have a Frog 160 glow and a 1.75 sparky, but would be a bit heavy with coil /batteries etc.

Robin Heirn

Rules adjustment for Classic FAI T/R at Western Australian State Champs 2016.

Gentleman.

It is proposed by the organizers to amend the rules for Classic FAI T/R at the above event.

It is proposed to allow a tank size of 15cc of fuel for radial ported engines such as Rothwell R250's, Oliver's or any replicas. Super Tigre G20/15 both FI and RV versions will also be included. The RV Rossi will be allowed with a tank of 10cc. Nelson steels will be allowed with tank of 7cc.

Foras and Parras will remain on 10cc.

This amendment will hopefully go to the next national rules conference.

Other engines can be included on request as mentioned in the rules.

A reminder, no multi-function valves or Tetra Ethyl Lead is to be used in this event. (Basic fuel ingredients i.e. Oil, Kerosene Ether and DII or IPN.)

Regards,

The Event Organisers.

Here's a couple shots of my newly finished Sterling S-1 Ringmaster for the "Rag".

Finished in pseudo Shoestring Goodyear style. Silkspan tissue, Rustoleum & Cabbothane rattle can finish. Correct (odd size) 2 1/4 inch wheels. 1951 "sandcast" Fox 35 (actually, they're gravity die castings). Period Veco spinner. 26 oz. without spinner, 28 oz. with spinner & tail weight.

Cheers.

Maris Dislers





wightsmodelaircraft.com.au

Over 300 products in stock.



Control Line - Accessories; Bellcranks; Connectors & Leadouts; Covering Material; Engines; Flying Lines;

- Fuel Items; Fuel Tanks; Glow Plugs; Handles; Kits; Propellers; Rib Sets;
- Timers & Programmers; Wheels & Landing Gear.

Free Flight - Timers & Programmers.

Cox Engines - Surestart & Bee Engines; Glow Heads; Tanks; Gaskets; Props; Mounts; Parts & Accessories.

Here is a model from Stuart Sherlock that is a little bit different from the usual submissions.

Model is all sheet balsa. Features soft mount (rubber Lord mounts), isolated expansion chamber muffler with low pass filter, leading edge flaps in addition to trailing edge flaps. Also pull -pull elevator, flat plate control surfaces, wool tufts to record inflight flow on pylonmounted autonomous camera. Inspiration for this approach from

Frank Coombs. Engines Enya 45S MSQ and Super Tigre G21/40.

Cheers Supercool



Attached is photo of placegetters 2015 Queensland F2B state champs : 1st - Murray Howell (NSW) - Shark

2nd - Joe Parisi (Qld) -Max Bee 3rd - Reg Towell (NSW) -Mustang

Great weekend. Wonderful hosts. Weather fine but windy.

Regards ... Margaret Battam









\$10 entry per competitor / event to a maximum of \$40 all you can fly. \$8 each additional entry in Combined Speed to a maximum of \$40 all you can fly.



CLAMF Competition Oct 18th 2015

THE COLFT MODELLERS OF FRANKS

Beautiful weather greeted Clamf members and visitors at the monthly comp day in Oct.

Activities included Classic FAI T/R testing on the hard surface. Some bang up flying by the Baddock kids with great applause from the crowd as the duo flew 2 up for the first time. Good on them and good on Keith who kept the models flying during the ordeal. Mark and I were persevering with our Parra powered Orion Team racer. These engines continue to be a challenge!!! 1 round of Classic Stunt was flown before lunch, with 4 competitors enjoying the conditions.

Mark Ellins did a delectable job on the barbie twirling the sausages, with everyone enjoying the lunch break and a social chat before a second round of stunt and some corflute combat bouts from Ken Maier and Tony Caselli, Steve Vallve and Peter Koch. Steve and Peter were enjoying themselves until a line tangle got out of hand and both flyers ended up being tied up with lines. High light of the day for me was watching Murray Wilson assemble his new Yatsenko Stunt model. With the help of Mark Ellins and Paul Stein a completed model was sitting on the table in less than 20 minutes.

A great day of activities at our field in Seaford, enhanced by some beautiful weather,

Regards to all,

Andrew Nugent.





Murray's new Yatsenko was out of the box and assembled in less than 20 minutes.





New South Wales State Championships for F2C and F2A + support events.

Held at Twin Cities Club in Albury Oct 3rd - 5th

Results from F2C Team Race

	<u>Team</u>	Rd 1	Rd 2	Rd 3	Rd 4	<u>Final</u>
1.	Fitzgerald/Ellins (SA/Vic)	3:11.91	3:13.43	3:09.10	3:20.57	6:26.60
2.	Christie/Brown (NZ)	3:23.00	3:23.31	3:26.62	3:14.06	7:37.06
3.	Leknys/Reichardt (WA/NSW)	3:16.91	3:33.41	3:30.91	3:27.03	36 laps
4.	Wilson/Poschkens (WA/Vic)	DNF	3:22.71	DNF	DNF	
5.	Justic/Lacey (NSW/Vic)	3:36.62	3:24.75	DNF	DNF	
6.	Potter/Harvey (NSW/ACT)	3:45.44	DNF	DNF	3:43.88	
7.	McDermott/McDermott (Qld)	4:08.31	4:22.94	3:51.53	3:45.13	



F2C Finalists L to R.

Rod Brown/Graeme Christie,

Mark Ellins/Robert Fitzgerald,

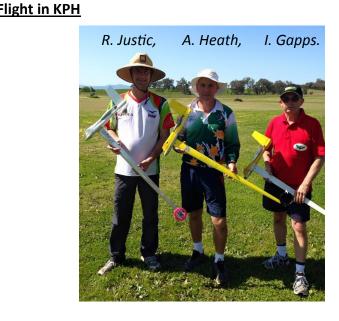
Ryan Leknys/Julian Reichardt.



F2A Speed Results

	Entrant	Rd 1	Rd 2	Rd 3	Rd 4	Best Fl
1.	A. Heath	12.70	12.75	12.53	12.69	286.9
2.	I. Gapps	13.05	13.56	12.65	Att	284.5
3.	R. Justic	12.97	0	12.82	12.83	280.7
4.	M. Wilson	12.91	0	13.70	13.38	278.7
5.	A. Kerr	13.46	0	Att	13.46	267.4





Combined Speed Results.

	Entrant	Class	Flight 1	Flight 2	Flight 3	Fastest in KPH	<u>%</u>
1.	K. Hunting	1/2A Proto	27.47	-	-	131.1	97.05
2.	N. Wake	5	15.27	15.22	15.15	237.6	90.76
3.	M. McDermott	Proto	31.94	34.07	-	181.4	75.54
4.	N. Wake	Proto	32.88	=	-	176.2	73.4

27 Goodyear T/R Results.

	<u>Team</u>	Rd 1	Rd 2	<u>Final</u>
1.	McDermott/McDermott	5:21.41	5:15.66	10.27.78
2.	Hunting/Lacey	6:10.22	5:22.82	10:42.81
3.	Stein/Justic	5:24.45	-	10:48.65
4.	Rothwell/Bollinger	18 laps	5:39.38	

Classic FAI Team Race Results

	Team	Rd 1	Rd 2	<u>Final</u>
1.	Wilson/Lacey	4:12.91	DNS	8:27.44
2.	Cameron/Fitzgerald	4:19.19	4:19.91	9:19.83
3.	McDermott/McDermott	4:31.25	4:24.16	9:38.34
4.	Nugent/Ellins	4:31.75	4:28.60	
5.	Christie/Brown	4:54.81	DNF	







Classic FAI finalists.

REPORT OF THE 2015 WORLD-WIDE RINGMASTER FLY-IN AT KNOX MODEL AIRCRAFT CLUB

For the second Sunday in a row the weather at KMAC's Scoresby field was perfect for flying. The field was in top condition thanks to Peter Koch and his team.

Les Varga was first away in his quest to beat his previous record and completed ten flights on the day. The great weather brought out many members early including Doug Grinham from Geelong and Dave Lacy from Ballarat. Dave Nobes and Norm Skeen joined us from Doncaster Club to record a few flights before heading back to their home Club field for the afternoon. Mark Usher learned that running 25% nitro in an old Fox 35 was probably not a good idea!

Thanks go to Les and Steve for organising the lunchtime refreshments and to Les for the photographs of the flyers and their models.

Thirteen flyers came with fifteen models to record 45 flights. This is the list from the day: -

Flyer	Model	Motor	Flight s	Comments
Les Varga	Ringmaster S1	Merco 29	8	
	Williamson Ringmaster	Brodak 25	2	
Doug Grinham	Ringmaster S1	Fox 35 1954	5	
Peter Roberts	Ringmaster S1	Fox 25 1972	4	
Mike Haney	Ringmaster S1	OS LA25	2	
Steve Vallve	Ringmaster Junior	OS 15FP	4	
Peter Koch	Ringmaster Junior	OS 15FP	2	
Dave Lacy	Ringmaster S1	McCoy 29	3	
Norm Skeen	Ringmaster S1	Magnum 25	1	
	Ringmaster Junior	OS 15	1	
Mark Usher	Ringmaster S1	Fox 35 1951	3	Motor seized!
Dave Nobes	Ringmaster S1	Fox 35	2	
Ken Maier	Ringmaster S1	Fox 35	2	
Tony Caselli	Ringmaster S1	Fox 35	1	
Bruce Mackay	Ringmaster S1	Fox 35	5	
		Total	45	

























Christian Traders Supplying quality products to the model building community

"products as used and recommended by our favourite ageing control line afficionado, Ian Smith"

ZXG Extreme Glare Sunglasses



Block sun glare better than polarized glasses.

Can easily read LCD screens.

Available as standard or as fit-overs for prescription glasses.

Adjustable and bendable temples.

Optical quality polycarbonate lenses.

Extremely strong & durable.

BECC Decals, Logos & Graphics



Vinyl decals, logos, graphics & lining.

A huge range of colours & sizes.

A multitude of uses.

Easy to lift and apply to all surfaces.

Up to 400 characters per letter pack.

Waterproof exterior

Exceptional quality.

Deluxe Materials Model Adhesives



Deluxe Materials produce a wide range of specialist adhesives

and accessories to make your modelling experience a lot easier and more enjoyable.

Ideal for all types of modelling especially since most products are water wash up

Wide range of Epoxies, Emulsion glues, cloths, resins & filler products plus a great assortment of accessories.

Perma-Grit Tools (Tungsten Carbide)



Next to diamonds, Perma-Grit Tools are made from the hardest materials available.

Virtually indestructible, they are are ideal for professionals who require the best & longest lasting tools available.

Great for all types of woods, plastics, aluminium, carbon fibre, glass fibre, polystyrene, perspex, acrylics, MDF, and much more....

RCATS Lithium Glow Driver



The first commercially available glow plug driver utilizing lithium battery technology to provide a means for power.

This unique unit allows for unrivalled longevity between charges. The unit can last over a year before needing recharging!

It also includes many powerful features that makes starting your engine easy and just as enjoyable as your flying.

Prather's Super Silicone Fuel Line



Available in Small, Medium, and Large, Prather's pink-translucent fuel tube is specifically designed for nitro and water use

(do not use for gasoline).

Fuel Proof

Stays tight on fitting

Won't kink

Won't get hard

For the full range of our quality products, plus hints, tips and tricks on how to make your modelling experience more enjoyable please call or visit our website.

1300 733 673 - www.christiantraders.com.au



Register your interest at :- clamf@ozemail.com.au

Classic FAI Team Race will use the adjusted rules printed elsewhere in this newsletter.



ANDREW'S PANS.

.21 size speed pans (by request no stock at this time), Nelson style T/R pans and a few 2cc pans. Also available a new T/R pan. Julian Reichardt has hand carved a wooden replica/pattern of the pan he and Hutton Oddy used back in the 70's. This will be suitable for Classic FAI T/R. He has also sent me a copy of their T/R plan called a FART. (I didn't name it!!) All pans \$25 in the "as cast state" and are cast in AA601 casting Alloy.

Reichardt/Oddy pan.



Also available to order, prop nuts and shaft extentions, carbies for

most engines, and Vintage T/R type tank and bottle valves.

Available now the following full size plans,: Turtle, FART, Sapavolov, Timepiece, Picus, Dimple Dumpling, Past, Arrow. All \$4 which includes postage in Australia. Regards,

Andrew Nugent.

andrew.n5@bigpond.com

PH 9551 1884.

MACCA'S MACHINING & MILLING SERVICES

Tank Valves

Filler Bottle Valves

Shaft Extensions

Engine Plates

Venturis and threaded inserts and general machining.

Phone 07 3288 9263

Mobile 0402 295 370

Profi 049 Proto/combat, new comes with new P/L					
rod assy.	\$240				
Ruski AME 049 new	\$50				
Enya 15D 1960 Mk 11 used very good in box	\$150				
M.V.V.S 15 diesel P/L rod assy new	\$50				
Taipan Gold head MK II new					
Super Tigre G20/15D 1970 very good					

Contact Wayne Wilson whyzedman@hotmail.com

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

Cost \$4 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.

email: aheath296@gmail.com

New Castor Oil price is

\$50 per 5lt container + actual post cost (rounded off to nearest dollar) to your postcode from 3018

Other amounts available upon request @ \$10 per litre + actual post cost as above.

Postage based on 6 kg package sent using regular mail to your postcode from 3018

8x4 & 8x6 Taipan white flexible nylon & black GF nylon propellers **have all been sold.**

7x4 & 7x6 Taipan White flexible nylon & Black Glass Filled are AU \$2.20 each plus postage cost.

(I can fit 10 of the 7 inch diameter props in a large letter for \$2.50 post Australia wide)

Black, glass filled nylon 9x4, 9x6 (\$3 ea.) 10x4, 10x6 & 11x7 (\$3.20 ea.) Taipan propellers available + parcel post postage.

Bank deposit / EFT or PayPal "gift" payments accepted.

Contact:-combtkid@hotmail.com

A.C.L.N. ADVERTISING

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 (G 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"



Rear end drum/rotor K&B 15s series 72 Rossi 15 MK II FI C/Case Taipan series 13 C/case Spinner assy for OS 60/65 RSR MVVS GRRT 3065 OR 3070 Email details to Wayne Wilson whyzedman@hotmail.com

AUSTRALIAN CONTROL LINE NEWS

If undeliverable return to:-

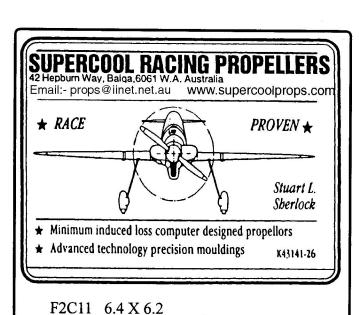
M. Wilson

P.O Box 298

Seaford 3198

Vic

SURFACE MAIL



F2C11 to F2C14 now with Suzuki low Re, high

F2C12 6.4 X 6.3 F2C13 6.4 X 6.4

F2C14 6.4 X 6.5

Mach airfoils

Supercool

First in Racing

Printed by Minuteman Press 3/14-16 Hartnett Drive Seaford, VIC 3198 Phone: 03 9773 5586