



THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 214

Produced by the Victorian Control Line Advisory Committee



November 2016 INSIDE THIS ISSUE

Contest Calendars.

Notices.

Ringmaster Fly-a-Thon.

NSW State Champs (Aerobatics).

Around the Clubs.

KMFC Burford Day.

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.



COMING EVENTS



VICTORIAN CONTROL LINE CONTEST CALENDAR 2016

DATE	EVENT	CLUB
Oct 30	Doug's Vintage Stunt Day.	KMAC
Nov 13	Speed , Warbird Stunt, Vintage Combat	CLAMF
Nov 27	Monty Tyrell Classic Stunt.	KMAC
Dec 11	Classic FAI & Vintage A T/R, Classic B T/R	CLAMF
Dec 11	Club day and Christmas party.	KMAC

2017

Jan 29	Coreflute Combat Invitation.	KMAC
Feb 26	Hearn's Trophy/Yeoman's Novice Stunt.	KMAC
Mar 26	KMAC Carnival.	KMAC
April 14-17	VMAA State Control Line Champs. CLAMF & KMAC	
May 28	All Aussie and Vintage Combat.	KMAC
June 25	Rat Race Invitation and Club Day.	KMAC
July 30	Warbirds and AGM.	KMAC

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 Peter Koch 0413 222 046 or Mark Gordon 0490363973

Email:- knoxmacvic@gmail.com

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

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.



COMING EVENTS



C.L.A.S. CONTEST CALENDAR 2016

DATE	EVENT	CLUB
Oct 30	Classic Stunt	Doonside at Whalan Reserve
Nov 20	Classic Stunt flying F2B pattern.	Rebel Flying Club field, Ash Island, Hexham NSW.
Nov 20	Vintage T/R and Diesel Goodyear.	KMFC.
Nov 27	KMFC Christmas Party and Fun Fly.	KMFC.
Dec 4	F2B Aerobatics.	Doonside. (Whalan Reserve)

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.

The new dates for the **Queensland State Champs for combat** is the 5th and 6th of November 2016 in Ipswich.

Events are F2D Combat, Open Combat, Vintage Combat, 2.5 Slow Combat and 3.5 Slow Combat.

Hope these new dates work for everyone.



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

Send your articles for publication to Newsletter Editor

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

hbailey@optusnet.com.au

WINGS OVER WEST WYALONG



Saturday 29th / Sunday 30th October 2016

Last Weekend in OCTOBER

On the AB field 1390 Clear Ridge Road West Wyalong

A fun flying weekend for all

Come and fly Friday afternoon if you want!

Fly anything at all,

Pulse Jets; to Cox 010s (noise no problem)

FF, CL, or RC, BIG and SMALL,

Bring them ALL to our 700 Acre multi-purpose field.

Plenty of parking and flying room for everyone!

**Model engine displays including running, buy, sell & swap
meet of all model goods**

Facilities

Camp on the field in our camping ground and make use of the camp kitchen, showers and toilets male & female. Electricity and water hook up for vans.

Sausage sandwich, tea, coffee & drinks will be available for purchase.

Cost

Camping - \$10 per head per night.

Flying - \$20 registration fee* paid before you fly and you MUST have and produce a current MAAA card.

**Registration fee includes a ticket in the raffle for a new in box DC Merlin motor, drawn at Saturday night dinner.*

Organized events

Saturday 4.00pm

Ebenezer mass launch

Saturday evening

Lamb Spit roast & vegies around the campfire Saturday evening - Cost \$20

Bring your own chair and drinks

Sunday 8.00am

1 / 2 Hour Campbell Scramble (must walk, no running)

AROUND THE CLUBS



BRIAN BURKE 500 LAP 27 GOODYEAR

TEAMS	ROUND 1	ROUND 2	FINAL
T. McDERMOTT/M. McDERMOTT	5.14.56	5.05.75	28.02.94
R. DILLON/M. DILLON	5.30.06	5.21.12	28.45.87
C. DILLON/P. DILLON	5.29.10	5.18.00	DNF 64 laps
A. HANSEN/R. STOKES	6.36.19	6.03.62	
R. BUCHOLZ/R. SMITH	6.12.34	5.57.31	

The final was a hotly contested race, with only 43 seconds between first and second, over 500 laps.



Top three teams from the 500 lap 27 Goodyear race.



Ray Bucholz.



CLASSIC B Team Race.

TEAMS	ROUND 1	ROUND 2	FINAL
T. McDERMOTT/M. McDERMOTT	3.05.47	3.10.84	5.53.62
P. DILLON/M. DILLON	DNF 42 laps	DNF 39 laps	7.16.69
R. BUCHOLZ/R. SMITH	DNF 38 laps	3.23	7.33.44
A. HANSEN/R. STOKES	3.57.25	DNS (broken rod)	

The final was a fast and furious race with all models off the ground straight away and with the Macca's doing some fast pit stops. Mark Dillon was unfortunate to experience some slow stops due to engine hiccups. Rob Smith was very consistent throughout the race.



Queensland Hard Stand Title 2016

The Logan Hard Stand on the South Side of Brisbane was the venue for the Queensland Titles of Classic FAI and F2F. The field being part of the MAAQ and their member clubs. We were finally blessed with good weather conditions after having to cancel the event and reschedule to this date. With only four teams competing in both classes it was decided to race two up in the heats and three

for the finals.

The morning started with Classic FAI and after everyone having a warm up and time in the air to get a tune, the heats commenced with the Macca's 1st, Smith / Bucholz 2nd and Dillon / Dillon 3rd.

In F2F the model of Hansen / Cooke was nicknamed Skippy with the hippity hop landings after flying for the first time with a new fuse and undercart that is maybe a little far forward.

The winners of F2F were the Dillon / Dillon team Mecca's 2nd and Hansen / Cooke 3rd.

Many thanks to the MAAQ for supporting the few racers that make up the Qld contingent of C/Line flyers and the continuation of the lease on the Logan Hard Stand area. Thanks also to our new Qld control line co-ordinator Mark McDermott for organizing the day and the upkeep of the area.



Classic FAI final teams.



Trent takes a Classic FAI catch.



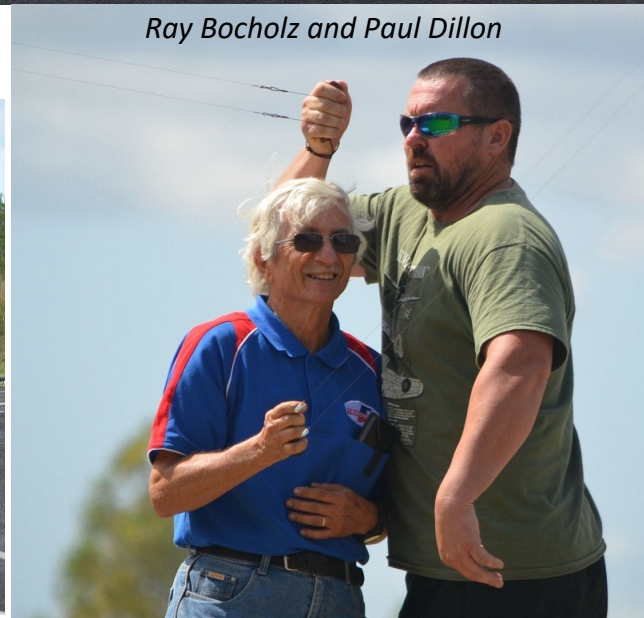
Mark Dillon refuels his F2F model.



Teams from the F2F final race.



Trent McDermott pitting in Classic FAI.



Ray Bocholz and Paul Dillon

AAC 2016 Worldwide Ringmaster Flyathon October 8th 2016

The dates for the World Wide Ringmaster Flyathon this year were October 1st and 2nd. Originally an event was organised for these dates by Ned Kelly at the South Hummocks Model Aero Club in South Australia's mid north approx.100km from Adelaide. Unfortunately strong winds in the wake of recent storms forced it's cancellation.

All was not lost as Flyathon organiser in the USA, John Cralley, kindly granted would be SA participants until the end of the following weekend to log flights. Adelaide Aeromodellers Club scheduled Saturday October 8th as Ringmaster Flyathon 'make up' day and for the first time in months the weather was not only kind, it was near perfect; warm, sunny and light winds.

4 pilots posted flights as detailed below. The Ringmaster flights took place amidst other CL sport flying. Other popular profile models flown on the day were Peacemaker, Flite Streak, Junior Flite Streak, SIG Twister and Proton sheet wing stunt model

Jeff Prosser's Ringmaster flew the F2B pattern with ease thanks due to it's light weight and reliable powerplant. Peter Anglberger started slowly having to coax a good setting out of his recently re-bored 1957 Burford Glo Chief 29 Mk1. In the final flights his Ringmaster and motor were 'sorted' allowing Square 8s and Triangles to be performed with ease.



Ned Kelly's model also performed well. It really improved when he switched from a Master Airscrew paint stirrer to an APC 9 x 4 prop. Ned's model lost weights as the day went on as he unfortunately found out that White Knight Rattle can paint is not fuel proof. He is in the process of building a new Ringmaster with a more suitable finish. Jon Witzke has also now sorted his Fox 35 powered Ringmaster. There was no hint of the dreaded Fox burp so I assume he has partially block the transfer passage as recommended by US experts.

Mick Laundry flew at home on Kangaroo Island. He has his own private CL circle and updated his tally throughout the day by SMS. He advised it was quite breezy on the Island, but still managed 4 flights without incident.

Place	Entrant	Flights	Model Details	Motor Details
1.	Jeff Prosser	9	Ringmaster S1 scratch built from Brodak Plan	OS FP25
2.	Peter Anglberger	9	Ringmaster S1 scratch built from Brodak Plan	Glo Chief 29 Mk1
3.	Ned Kelly	6	Ringmaster S1 built from Brodak Kit	OS FP25
4.	Jon Witzke	5	Ringmaster S1 built from short kit	Fox 35 Stunt Hemi
5.	Mick Laundry	4	Ringmaster S1 built from Brodak Kit	Magnum 25
Total		33		

For those considering joining in the fun and building a Ringmaster for next year's event here are some recommendations:

1. Select wood carefully and finish sparingly to ensure a light model. Aim for less than 30 oz. / 850 grams.
2. Extend the bearers to past the high point of the wing and extend the doublers back to at least ½ way along the wing chord. Do not use 1/8th ply. Use 1/16th spruce ply or even better 1/32nd spruce ply.
3. Fit the pushrod to inner hole on a Brodak 3" bellcrank and use at least 25 mm throw on the elevator horn to gear down the controls / limit elevator throw to +/- 25 degrees max, otherwise the model will be difficult to fly smoothly. The stock bellcrank mount and surrounding structure are not that strong so I suggest thicker ribs that are covered by the sheeting and double the length of the bellcrank mounting plate.
4. Fit a pushrod guide halfway between wing TE and elevator LE to prevent flexing.

Ensure you use a uniflow tank. Mount it using slotted brackets so you can raise the centreline of the tank up to 6 mm above the motor centre line. Most profiles with side mounted motors need the tank raised 3 to 6 mm above the motor CL

Report by Peter Anglberger



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 \$35 Aus and other countries \$50Aus.

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 _____

NSW 2016 State Championships (Aerobatics)

Held on October 1st-3rd long weekend.

Great roll up, with the notable attendance of 3 flyers from South Australia.

Sat 1st. There were to be two rounds of F2B, but the weatherman turned up the fan and blew that plan away. A decision was made to fly 3 rounds on Sunday 2nd and fortunately this turned out to be a better day. With three judges to adjudicate the flights the competition was completed.



Top three flyers were :-

1st .	Murray Howell	Yatsenko	"Shark"
2nd.	Reg Towell	Bill Werwage design	"Mustang"
3rd.	Bruce Hoffman	Brian Eather design	"Firecracker"



*F2B Expert top three left to right :-
Bruce Hoffman,
Murray Howell,
Reg Towell.*



Monday 3rd saw the running of Classic Aerobatics.

There was a good number of entries but yet again the wind returned and rather than chance flying in the hazardous conditions only six pilots risked the two rounds.



Placings :-

1st.	Jeff Fry	"Peacemaker"
2nd.	Reg Towell	"Thunderbird"
3rd.	Geoff Van Kampen	"Nobler"

Despite the weather conditions it was a great weekend.

Report and pictures from Warren Williams.



A couple of shots of the KMFC F2B competition held on a day of good weather on 31st

July. Mark Batty was the competition winner, Murray Howell placed second and Reg Towell came third.

KMFC Nostalgia Fly-In. September 4th 2016.

"With so many TR events now so poorly supported in NSW there are a lot of retired TR models out there that have not been flown for ages. This is a day to bring them to KMFC, tell a few stories and fly them once more, even if not in a race. Just come along, fly them and re-live the good old days, before you can't remember them at all".

John Nolan.





*Shots from the KMFC
Nostalgia Team Race
Fly In held on September 4th.*

*It was a great day and
most of the models
flew.*

*Pictures from Warren
Williams*



AROUND THE CLUBS

KMFC members took part in the World Wide Ringmaster Fly-A-Thon Day on Saturday 8th October. The weather was a bit windy but the flights took place regardless. Some of the club members were unable to attend but 50 plus flights were recorded on the day.



The weather for the **"Annual KMFC Burford Day"** on Sunday 9th was perfect for flying.

There were lots of Burford engine powered models on show and a good crowd was in attendance throughout the day.

Jeff and Jenny Reeves were responsible for the day's organisation and everything ran very smoothly.

Competitions were held for the various categories. Stunt was won by Bill Swan, Steve Rothwell took the honours in Speed and the team of Jeff McNair/Bob Fischer were the winners in Team Race.

A huge modelling table sales transpired with an incredible array of model kits, engines and accessories. Most of this equipment came from an estate sale, more of which will be on show at the clubs Christmas party on the 27th November.

The results from the raffle that was held on the day for one of David Owens production of a Taipan 2.5cc replica was won by Geoff McNair. Bill Swans shop bag of goodies was won by John Nolan.

Report and pictures by Warren Williams.



The Kuringai flying field on the "Burford Day"



Some pictures from the "Burford Day"



wightsmodelaircraft.com.au

Over 300 products in stock.

Wights Model Aircraft

New
Website



New
Shopping
Cart

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.

C/L World Championships Team Selection.

As mentioned in the previous edition of ACLN, the MAAA Control-Line Working Group (drawing on representatives from the various states) has been assessing options for the Team Trial process for the next Control-Line World Championships to be held in France during 2018.

While there were a number of options considered (taking input from many people), the multi-trial format was preferred for most disciplines and was agreed to be the most workable at this time. There is still uncertainty over whether there will be a Nationals next year, but the multi-trial format can accommodate this.

Therefore the selection of World Championship team members for the 2018 F2 World Championships will be based on the best three (3) results from all the State Championship events held during 2017 (and the Nationals if there is one).

If a Nationals does eventuate during 2017, then the process will end up exactly the same as last year.

The qualifying scores will be calculated using the same system as used previously, which takes into account the number of entries in each event.

Anyone who requires further clarification can contact the MAAA Working Group Chairman, Reeve Marsh by email at vk3fly@gmail.com or by phone on 0405 001 008.





Christian Traders

Supplying quality products to the model building community

"products as used and recommended by our favourite ageing control line aficionado, 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 adhesive.

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 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



*- some take a little longer - and some **MUCH** longer!*



New Models

Murray Wilson has built a new speed model to hold a Super Tiger 29 engine.

The first test flights went well and the best times so far were produced using a wooden 7x9 propeller.

For Sale

ANDREW'S PANS.

Nelson style T/R pans. Also a new T/R pan for sale. 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.



Nelson style pan.

Also available to order, prop nuts and shaft extensions, carbies for most engines, and vintage T/R type tank and bottle valves.

Available now are the following full size plans, : Turtle, FART, Sapavolov, Timepiece, Picus, Dimple Dumpling, Past, Arrow, K31.

NEW Plan. "Tigre Mirage" Classic FAI T/R. powered by S/T RV as flown by Dave Kelly in the States

All \$4 which includes postage in Australia.

Regards, Andrew Nugent.

andrew.n5@bigpond.com

0437469402

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

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 (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"

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: aeath296@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

Nelson 15 T/R RD ABC very good	\$250
Rothwell R320 used excellent offers over	\$500
Rossi 15 MK 11 speed ABC ex Jack Finneran	\$250
OS 29H excellent	\$100
Irvine Mills 1.3 NIB	\$200
MP Jet 061 TBR Diesel NIB	\$150

Email Wayne Wilson @ whyzedman@hotmail.com

WANTED

David Owen T 2.5 Diesel

Email Wayne Wilson @ whyzedman@hotmail.com

AUSTRALIAN CONTROL LINE NEWS

If undeliverable return to:-

M. Wilson

P.O Box 298

Seaford 3198

Vic

**SURFACE
MAIL**

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