



THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 220

Produced by the Victorian Control Line Advisory Committee



June 2017

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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 2017

DATE	EVENT	CLUB
Jun 11	Classic FAI , Vintage A, 1/2A Combat	CLAMF
Jun 25	Rat Race Invitation and Club Day.	KMAC
Jul 9	Speed including "Perky" , Classic Stunt, Also:- re-scheduled Vic State Champs. Vintage A & Classic B	CLAMF
Jul 30	Warbirds and AGM.	KMAC
Aug 13	Carrier, 27 Goodyear, Goodyear .	CLAMF
Sep 10	Combined Speed , Vintage Combat,	CLAMF
Oct 8	Corflute Combat, F2B & Classic Stunt.	CLAMF
Nov 12	Speed , Warbird Stunt, Vintage Combat	CLAMF
Dec 10	Vintage A, Classic B, Classic FAI .	CLAMF

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 Reeve Marsh 0405 001 008 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 2017

DATE	EVENT	CLUB
Jun 4	Diesel G/Y, Diesel Speed and other racing.	TBA
		KMFC.
Jun 3-5	WA State Championships for F2C, Finals F2D on Sunday, F2A Speed on Monday. ***	
Jun 10-12	C/L NATIONALS for F2B, Classic and Vintage Stunt.	
	CLAS NSW at Whalan Reserve	***
Jun 10-12	NSW State Championships for Combat, Speed and Racing Events.	CLAS NSW at Twin Cities, Albury ***
Jul 2	AGM	KMFC
Jul 9	Combined Speed.	SSME
Jul 23	F2B Aerobatics.	Doonside
Jul 30	F2B Aerobatics	KMFC
Aug 13	Classic Stunt.	SAT
Aug 13	Diesel Goodyear, Diesel Speed and other racing events.	TBA. KMFC
Aug 25-27	Cowra Oily Hand Weekend.	Cowra
Sep 10	Nostalgia T/R Fly-in.	KMFC
Sep 16-17	Rocky Rally	
Sep 16	Qld. State Championships. F2D. MAAQ Venue TBA	
	Note: Date for F2B is undecided at this stage. ***	
Sep 24	F2B Aerobatics.	SSME
Sep 30-Oct 2	NSW C/L State Championships F2B and Vintage and Classic Stunt.	C.L.A.S. Doonside. (Whalan) ***
Sep 30-Oct 2	CLAS NSW C/L National Championships. Speed, Racing and Combat.	C.L.A.S. Twin Cities. Albury ***
Oct 7	Ringmaster Event.	KMFC
Oct 8	Gordon Burford Day.	KMFC
Oct 15	F2B Aerobatics.	SAT
Oct 29	Classic Stunt	Doonside
Nov 19	Classic Stunt flying F2B pattern.	NACA.
Nov 19	Vintage T/R and Diesel Goodyear.	KMFC
Nov 26	Christmas Party and Fun Fly.	KMFC.
Dec 3	F2B Aerobatics.	Doonside

*** = World Champs Qualifying events.

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.

Send your articles for publication to Newsletter Editor

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

hbbaily@optusnet.com.au

Queensland 2017 Contest Calendar.

Date	Event	Club
Jun 24-25	Qld. State Champs Racing. 2.5 Rat, 21 Bendix, 27 G/Year, Classic B, Vintage A.	T/Birds
Jul 16	Qld. Champs Stand Off Scale	
Jul 30	Einbunpin Festival	
Aug 6	Goodyear, 21 Bendix, Classic FAI.	
Aug 20	Battle of Britain Day Combat	
Sep 16	State Champs Combat	Ipswich
Sep 30	27 Goodyear, Classic B, Vintage A.	
Oct 29	27 Goodyear, Classic B, Vintage A.	
Dec 10	Xmas Party	

Late addition.

Jun 10-12 NSW State Championships for Combat, Speed and Racing Events. CLAS NSW at Twin Cities, Albury.

Richard Justic informed ACLN that following some competitor requests, **Classic FAI team race and 27 Goodyear team race have been added to the list of racing events to be held at the NSW State Championships in Albury.**

Western Australia Contest Calendar

DATE	EVENT	LOCATION
Jun 3rd	STATE F2F Teamrace	WAMASC
	STATE F2C Teamrace	" " "
June 4th	STATE F2C Teamrace & F2D Combat	" " "
Jun 5th	STATE F2A Speed & Vintage-A Teamrace	" " "
Jun 10th	Phantom Race Day	LUMEN CHRISTI
Jul 8th	CLAW 1/2A Combat	WAMASC
Jul 15th	STATE Vintage Stunt	LUMEN CHRISTI
Aug 6th	CLAW Combined Speed	WAMASC
Sep 9th	Charlie Stone Remembrance Day	LUMEN CHRISTI
Sep 23rd	STATE Vintage Combat	LUMEN CHRISTI



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www.aamotive.com > engines > single cylinder

aamotive.sales.au@gmail.com

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CLAMF Combined Speed Contest 14-05-2017



The scheduled Coreflute Combat contest did not take place as only two club members brought models along.

The Combined Speed contest progressed in the morning at a leisurely pace and was concluded in the afternoon after the lunchtime sausage sizzle.

Murray Wilson took the overall top honours with flights of a couple of F2A models to claim 95.5% of the Australian class record.



Ken Hunting flew his 1/2 A Proto model. The model is an old Mini Goodyear team racer fitted with a PAW engine. Ken made the error of not removing the FAI pylon yolk and replacing it with the



standard yolk for his flight and as a result his lines got caught up in the prongs when he took the handle out and snagged the lines and caused a crash. Fortunately the "landing" was on the grassed area and only resulted in a broken prop and a bent undercarriage which was

soon fixed. His recorded time of 30.45 seconds gave him a percentage of 84.6% and was good enough for second place.

Of the four Class 1 (2cc) models flown, Harry Bailey's "Golden Arrow" was the fastest but his speed was assisted by the fact that he was using the old size (0.012") lines.

The battle of the two Proto models was won by the Nova Rossi powered Class 2 team racer belonging to Harry which bettered Nodels times by 5%.

Results:-

Entrant	Class	Flight 1	Flight 2	Flight 3	Fastest	Fastest in KPH	Percentage
1. M. Wilson	FAI	12.89	12.66	N.T	12.66	278.6	95.5%
2. K. Hunting	1/2A Proto	30.45	-	-	30.45	118.2	84.6%
3. H. Bailey	Proto	31.26	31.28	-	31.26	184.3	77.2%
4. M. Wilson	2	N.T.	12.92	N.T.	12.92	222.9	76.6%
5. H. Bailey	1	17.94	-	-	17.94	200.7	76.0%
6. N. Wake	Proto	35.12	33.41	33.32	33.31	172.9	72.4%
7. M. Ellins	1	20.59	21.51	19.34	19.34	186.1	70.52%
8. A. Nugent	1	20.29	N.T.	19.84	19.84	181.5	68.75%
9. N. Wake	1	N.T.	-	-	-	-	-



Other activities of the day included the flight testing of other models. Mark Ellins was trying a new Parra T3 engine in his Classic FAI

model. The engine is still very new and has not yet been fully run in but the re-starts were very good and the engine appears to have a good piston sealing band.

Ron Lacey had an un-flown F2C model that was purchased from Elia Rodin. Test pilot, Murray Wilson reported that the model handles quite nicely in flight but some problems were encountered with the retracting undercarriage. These problems became worse when the wheel would not lock in the out position and as there was no easy fix the model will be returned to the manufacturer for rectification.



Above:- Murray's Class 2 model was flown using 10% nitro fuel.

Left:- Noel Wake prepares to fly his Proto model.



Class 1 and Proto models belonging to Noel Wake.



Right :- The new F2C model owned by Ron Lacey that was tested for its first flights at the Frankston field.



South Australian 1/2A Proto Speed is a low key Class aimed at Club and entry level competitors. The winner is the fastest to cover a kilometre (timed from a standing start), using a model/engine that conforms with the Rules.

Engines;

Any diesel or glowplug engine with a maximum of 1.5cc, or any plain bearing engine up to 1.64cc (0.1 cu inch). Suction venturi (no trick variable chokes with swing weights etc.). No tuned exhaust pipes.

Fuel;

Unrestricted for diesels. Glows use F2D Combat fuel formula (10% nitro, 20% castor oil, 70% methanol) supplied by the organisers.

Propeller;

Any commercially available wood, nylon or GRP type. Modification is allowed. No handmade glass/carbon/epoxy types allowed.

Model;

Any design, providing it has a profile fuselage, tail fin and canopy/cockpit broadly representative of man carrying aircraft - as in Team Racing. Must have fixed undercarriage with minimum of one 25mm (min.) wheel.

Control system (leadouts, bellcrank, pushrod and control horn) to be external. No cowling of engine (as per F2F Team Race). Engine can be mounted in any orientation.

Lines;

Two braided or solid steel control lines with minimum diameter of 0.03mm (0.012 inch). Total length 13.26 metres from face of control handle grip to crankshaft axis of engine. 20G line pull test.

Length of timed course is one kilometre (12 laps) from point of launch. Conduct of competition follows normal Speed contest rules.

Leading model on takeoff is OK, but otherwise, no whipping etc. per Team Race Rules. Use of Speed pylon is encouraged, where available, but not mandatory.

Three rounds, best time/speed counts. Speed calculation in KPH is 3600 divided by time in seconds.

Dear friends,

I have just added to the website of Charlie Stone's estate a range of kits and partially built Free-Flight scale models.

There are a couple of particularly vintage kits which would appeal to collectors too.

I am circulating this email to many people in the hope of covering as large a modeller's base as possible.

The two, mostly built models are of excellent standard and are almost ready to fly.

I am sure that they will appeal to a range of modellers.

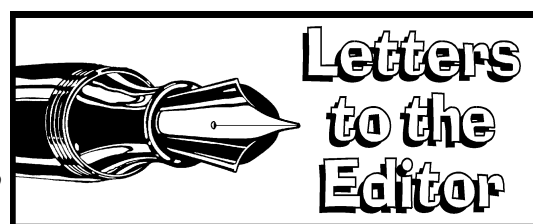
Please circulate this email and link to as many people as you can.

The kits will be advertised on Ebay if a realistic price is not achieved, especially the two vintage kits.

See them on: www.members.iinet.net.au/~kirtons/Charlie/

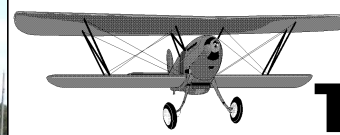
and click the Kits icon link

Norm



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AROUND THE CLUBS

The planned **All Aussie and Vintage Combat Day** for May 28th was victim of the cold wet and windy weather. The combat did not happen and only a few Australian designed models were out on display.



Graham Keene and John Goodge had made the trip up from Gippsland and put up a couple of their models for a few flights.

Alwyn Smith had brought along some of his vast collection of models and was seen having an engine fiddle and fly session.

Club president Reeve Marsh flew his profile warbirds and Gavan Opperman put his stunter through its paces.

By about 1 pm the cold wind was increasing and the field started to empty.



Results and photos from QLD 2017 F2B State Champs Flown at the Thunderbirds Club. Deagon. April 28-30

Expert Joe Parisi
Murray Howell
Kaz Minato
Kerry Ewert
Jeff Poulsen

Advanced
Don Keysecker
Van Richards-Smith

Novice
Bob Seeney
John Clark

Classic Don Keysecker
Jeff Poulsen

Vintage
Kaz Minato
Don Keysecker
Ray Bucholz



Results and pictures from Wendy and Allan Hansen.



Ringmaster Fly-A-Thon 2017



The Brotherhood of the Ring is sponsoring its 10th Annual Fly-A-Thon event:

October 7th & 8th, 2017

Matt Kania's beloved Ringmaster control line model has been built and flown by more modelers than any other control line model airplane!

This is not a contest! No registration is required. There are no entry fees or prizes! This Fly-A-Thon is to **honor** the most popular CL model ever!! Be part of something big and help make history by having more worldwide Ringmaster flights in a single weekend than last year's record of **3928** flights!

A record **694** different pilots participated!!

This event is open to *all* participants *worldwide*!

On October 7th & 8th, we challenge you to fly any one or more of the many varieties of Ringmasters, old or new, and report your flights to: 2017flyathon@ringmasterflyathon.com

Deadline for reporting is 12:00 noon Eastern time (USA) Tuesday October 10th

Location: *Wherever you are!*

Any Ringmaster from 1/2A to Giant and all variants in between can be flown.

Please report, how many total Ringmaster *flights* were made, how many different *pilots* flew, how many *different* Ringmasters flew and the *location* of these flights. Please feel free to include *lots of details* of your event as we plan to chronicle the Fly-A-Thon for future publication!!! If you get a new pilot to solo on a Ringmaster, that first flight will count as 2 flights!

*****A minimum of 5 laps is required to count as an official flight!*****

Let's keep the spirit of C/L alive!

Ok everyone! Just dig that old dusty Ringmaster from your attic and go fly it!

*The results will be compiled and published by the **Brotherhood of the Ring**.*

All questions should be directed to the primary contact: 2017flyathon@ringmasterflyathon.com

Rain/Wind/Flood/Conflict/etc. makeup weekend is October 14th and 15th



**KMFC and KMAC will be
hosting a Ringmaster
event at their respective
flying fields.**



MAAA & VMAA Fees For The Year 2017 / 2018

JUNIOR (UNDER 18 YEARS OF AGE)	HALF YEAR*	FULL YEAR
VMAA membership	\$13.50	\$27.00
MAAA membership	\$15.00	\$30.00
TOTAL FEE	\$28.50	\$57.00
SENIOR		
VMAA membership	\$27.00	\$54.00
MAAA membership	\$30.00	\$60.00
TOTAL FEE	\$57.00	\$114.00

Both MAAA & VMAA fees are unchanged from last year

We also need your Email Address if you want the VMAA Newsletter electronically. This can be done through your Club when paying your fees

It is a requirement to supply Date of Birth for ALL member renewals

Note: Half yearly fees only apply to new members, or to past members that have not been a member for more than 12 months

* Half yearly fees as of the 1st of January 2018

Product Review.

Anybody that has flown 1/2A Combat will tell you that obtaining a suitable ready to use propeller is not an easy task. If you wish to use a flexible white nylon prop then

the only option would seem to be using a difficult to obtain Taipan 7x4. These then have to be re-shaped and trimmed to obtain the correct loading for a 1.5cc engine.

I recently looked for an alternative and tried a propeller sold by the on line hobby supplier "Hobby King" They sell the product as:-

JXF Poly Composite Propeller 7x4 (2pcs) A\$2.71

JXF props are well balanced and made of reinforced plastic, making them strong and very well formed.

https://hobbyking.com/en_us/jxf-poly-composite-propeller-7x4-2pcs.html

I have found that these are tough propellers, are not brittle like many others and at a price of A\$2.71 for a packet of two are easy on the pocket. I used mine on my Fora engines without any modifications other than reaming out the hole for the crankshaft but others might prefer to trim the blades to obtain more RPM.

Reviewed by The Editor.



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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: ah Heath296@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:- combt kid@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 (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"

For sale

Rossi 15 MK II ABC ex Jack Finnernan \$250

Irvine Mills 1.3 NIB \$200

OS RX 15 Diesel unrun \$300

Owen GB 5 NIB \$500

Burford Elfin 2.49 in run \$350

Burford Taipan MK 6 Page 106 M.D \$250

ST/G21/29 P/L ABC new \$75

ST/G21/29 P/L Steel new \$75

ST/X40 ABC P/L new \$75

Wayne Wilson

Email whyzedman@hotmail.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

WANTED

WANTED:

Plan wanted of Epic classic stunt plane.

14 years ago I gave a large stack of plans to Ken Dowell and I understand the Epic plan was in that stack which were subsequently sold/given away fairly recently when Ken's stuff turned up at the KMAC one weekend. So if you did get the Epic plan, I'd like to hear from you.

Derek Pickard 0419 388 075

businessmedia@hotmail.com.au

Wanted

Owen T 2.5

ST G15 venturi insert

Enya 19X or 21X

Email Wayne Wilson @ whyzedman@hotmail.com

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