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THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 182

Produced by the Victorian Control Line Advisory Committee



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Copy Deadline for next issue is:

Wednesday January 22nd 2014

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COMING EVENTS



VICTORIAN CONTROL LINE CONTEST CALENDAR 2013-2014

DATE	EVENT	CLUB
Dec 8	Speed, F2F T/R , Nationals Practice	CLAMF
Dec 15	Club Day and Christmas Party	KMAC
Dec 28-Jan 4 Albury 67th Australian Nationals 2014		
Jan 5	CLAG Flying Day	Moe
Jan 26	Club Day	KMAC
Feb 2	CLAG Flying Day	Moe
Feb 9	Speed , 27 Goodyear, Vintage Stunt	CLAMF
Feb 23	Hearns Trophy and Yeomans Novice	KMAC
Mar 2	CLAG Flying Day	Moe
Mar 8-10	SA C/L State Champs (events TBA)	Monarto
Mar 16	Classic FAI T/R , Classic B T/R, Vintage A T/R	CLAMF
Mar 30	Carnival & Doncaster Novelty	KMAC
April 6	CLAG Flying Day	Moe
Apr 13	Speed , Navy Carrier	CLAMF
Apr 18-21	2014 VMAA C/L State Champs (events TBA)	CLAMF & KMAC
May 4	CLAG Flying Day	Moe
May 17-18	Albury Racing Weekend – Classic Stunt, Speed, Racing, Combat	TCMAC
May 25	Warbirds	KMAC
June 1	CLAG Flying Day	Moe
Jun 7-9	NSW C/L State Champs (events TBA)	
Jun 15	Speed , Classic B T/R, Corflute Combat	CLAMF
June 29	Rat Race Invitation and Club Day	KMAC
July 6	All Aussie Day and Vintage Combat	KMAC
Jul 13	Simple Rat Race, 27 Goodyear, Vintage Combat	CLAMF
Aug 10	Speed , Navy Carrier	CLAMF
Aug 9-17	2014 C/L World Champs	Poland
Aug 23-25	UK British Nationals	United Kingdom
Sep 14	F2F T/R , Vintage A T/R, Classic FAI T/R	CLAMF
Oct 4,5	NSW C/L State Champs – Speed, F2C T/R (inc. supporting events)	Albury
Oct 19	Class 2 T/R , Speed , 1/2A Combat	CLAMF
Nov 9	F2B Aerobatics, Classic Stunt, 27 Goodyear	CLAMF
Dec 14	Speed , Burford Vintage A T/R	CLAMF
Jan 2 – 5	2015 CLAMF Air Racing C/L Expo (events TBA)	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 :- G. Wilson (03) 9786 8153,
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:- Peter Koch 0413222046 or

Steve Vallve 0409935358

Web site :- <https://sites.google.com/site/knoxmacv/>

CLAG

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



COMING EVENTS



C.L.A.S. CONTROL LINE CONTEST CALENDAR 2013

DATE	EVENT	CLUB
Dec-01	Christmas Party and Fun Fly	KMFC
Dec-08	F2B Aerobatics Doonside. (Whalan Reserve)	
Dec 28-Jan 4 67th MAAA Nationals.		
CCMAC-	(Rutley's Road, Mannering park.)	
KMFC -	(Ku-ring-gai Model Flying Club) - St. Ives Showground, Mona Vale Rd, St. Ives.	
NACA -	(Northern Area Contest Aeromodellers) - Hunter Sports H.S., Pacific Hwy, Gateshead.	
CCMAC	at Rutley's Rd, Mannering Park) SAT- (Sydney Aeromodelling Team) - "Duck Pond", Ashford Road, Milperra.	
SSME -	(Sydney Society of Model Engineers) - Model Park, Luddenham Rd, Luddenham.	

Roj's Hobbies

www.rojshobbies.com

136 Wingrove St. Fairfield Vic 3078. Tel: 03 9482 7555 Fax: 03 9482 7588

2013 EVENTS CALENDAR



Date	Event	Venue/Host
Dec 1	Hand Launch Glider / Delta Dart	AAC, Unley Rd

Notes:

1. Start time and detail information for each event will be advised by an e-mail 'flyer'.
2. All entrants must be MAAA members with a valid membership card.
3. Safety straps are required on all handles in all events.
4. Mufflers mandatory on all glow motors 2.5cc and above when event is held at AAC.
5. MASA noise limit (96 dB) applies to all motors when event is held at AAC.
6. Bold type denotes events organised and run by AAC. Other events are for reference only'

For further info contact:

Peter Anglberger

tel. 8264 4516 or 0448 433 282

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CLASSIC FAI at **CLAMF,** **10/11/13.**

With grey skies and gusty winds, it was not among the best day's racing we have had at CLAMF. Never the less, it is always enjoyable to be at the field with everyone and make some noise.

Highlight of the day was Paul and Murray's heat of 4.22. A great time under chilly, blustery conditions and with a Parra engine that is in less than perfect condition. We are now waiting on a supply of new engines and parts that hopefully will be available early in 2014.

Also of note was Harry and Peter's 4.40 heat with the familiar "Sapavolov" design. Harry also test flew his new "Klotznorutski" model which handled the conditions well. Harry will have this one sorted when the Nats come round in early January.

Ron Lacey arrived to watch and was promptly put to work pitting for both Murray in one heat and Ken Hunting in another.



Ron Lacey will start to build a model as soon as a new batch of Parras arrive. Soon I hope!

John Hallowell was saving his yellow "Tiger" and good Parra engine for the Nats and flew his For a / orange "Tiger" model. While going fast in heat one, the integrated hub wheel came apart on landing and ended the chance of a good time. John won't use those again! A compression adjustment meant a 4.59 in the next heat which is way slower than this models potential.

Mark and I flew my old "Picus" model with Marks steel Parra up front. This is a tad slower than the AAC Parras and Foras used by the other teams on the day. Also Mark mentioned the spray coming from the front ball race area, not a good thing when struggling for range. I will have my "Orion" with a new AAC P/L installed in the Parra soon . "This will be ready to take First place at the Nats". There you are! A challenge has been thrown down. Good luck to all!

After some messing around we eventually finished a final race with Murray and Paul Stein taking the honours. It just shows that larger models like the "Espadon" are just as competitive as any other design. See you at the Nats!.

Report by Andrew Nugent.

Pictures by John Hallowell

Results were:	Heat 1	Heat 2	Final
1. M. Wilson/Stein	4.32.72	4.22.53	8.52.47
2. Hunting/Lacey	5.29.62	4.47.44	9.45.60
3. Bailey/Roberts	4.40.50	DNF 39	10.27.50
4. M. Wilson/Lacey	5.10.84	4.49.12	
5. Nugent/Ellins	4.59.06	4.52.13	
6. Hallowell/Nugent	DNF 59		

Gordon Burford Vintage A Team Race was the other racing event scheduled for the day. Graeme had brought along his trusty old footprint and Harry also had a Footprint that had been hastily repaired the evening before. After a couple of test flights to get an engine setting both teams prepared to fly a 160 lap final race.

With Graeme Wilson on the handle and Andrew Nugent as the pit-man their race went smoothly to record a final time of 8:25.28. The



Taipan series 12 that Harry and Peter were using had always been a reliable and strong performer in the past but Peter had to add increasing amounts of compression at each pit stop as the engine sounded off tune and they had slow airspeed. They managed to finish the race two and a half minutes behind Wilson/Nugent with the stopwatch recording 10:59.56 but the model was covered in a black oily mess. On investigation it was found that the crankcase had split around the rear bearing. It was incredible that the engine was able to continue to run at all with the crankshaft wobbling around.

A replacement crankcase has been located so the Taipan will live again!

Report by Editor



Harry, Peter and Andrew prepare for the first flight of the Klotznorutski.



Pilots in the final race.



Wilson/Nugent and Bailey/Roberts

Nats Concours d' Elegance for Classic FAI

It has been decided to run a concours event at the Albury Nationals immediately prior to Classic FAI being flown on Wednesday afternoon, 1st January, 2014.

There are so many incredible looking Classic FAI models around that the judges will surely have a very difficult job to decide on a winner.

A bottle of fine champagne will be presented to the owner of the best racer.



It is worth remembering that the very first Vintage A Nats competition at Bendigo in 1990/91 had a lineup of twenty models just before the race began.

It is certainly one of the most memorable group photos of team racers ever taken at a Nats. No doubt the Classic FAI display will be just as impressive and promises to be a photographer's delight.

John Hallowell

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Here is a more detailed schedule for the events at the 67th Nationals :-



SATURDAY 28th DEC - REGISTRATION AT THURGOONA COMMUNITY CENTRE, 10 KOSCIUSKO RD (CNR TABLETOP RD) THURGOONA.
PRACTICE AVAILABLE AT BOTH CONTROL LINE VENUES.

SUNDAY 29th DEC - 09.00 F2C RD 1 & 2, F2F TO FOLLOW AT TWIN CITIES.
AFTER COMPLETION OF F2F, CLASSIC B T/R THEN BENDIX AT GRASS FIELD
08.30 CLASSIC STUNT AT GRASS FIELD

MONDAY 30th DEC - 08.30 F2B AEROBATICS ADV & EXP AT GRASS FIELD
09.00 F2C RD 3 & 4, FINAL, THEN CLASS 2 T/R.
AFTER CLASS 2 T/R VINTAGE A T/R AT GRASS FIELD

TUESDAY 31st DEC - 08.30 F2B AEROBATICS ADV & EXP AT GRASS FIELD
08.30 JNR F2D COMBAT THEN F2D COMBAT AT GRASS FIELD
09.00 COMBINED & JET SPEED AT TWIN CITIES

WEDNESDAY 1st JAN - 10.00 2.5CC RAT RACE FOLLOWED BY OPEN RAT RACE THEN
CLASSIC FAI T/R AT TWIN CITIES
10.00 VINTAGE STUNT STATIC JUDGING - VENUE TO BE ADVISED.

THURSDAY 2nd JAN - 08.30 F2B AEROBATICS ADV & EXP AT GRASS FIELD
09.00 F2A SPEED FOLLOWED BY 27 GOODYEAR AT TWIN CITIES
1/2A COMBAT AFTER 27 GOODYEAR AT TWIN CITIES ON GRASS CIRCLE.
JNR RAT RACE WILL BE FITTED INTO PROGRAM IF OFFICIAL.

FRIDAY 3rd JAN - 08.30 F2B AEROBATICS ADV & EXP AT GRASS FIELD
08.30 OPEN COMBAT AT GRASS FIELD
GOODYEAR TO FOLLOW OPEN COMBAT THEN MINI GOODYEAR AT TWIN CITIES.

SATURDAY 4th JAN - 08.30 VINTAGE STUNT AT GRASS FIELD
09.00 VINTAGE COMBAT AT GRASS FIELD
09.00 F4B SCALE AT TWIN CITIES

FROM GRAEME WILSON (CONTROL LINE CONTEST DIRECTOR)

Whilst on the subject of the Nationals, here is a reminder that the closing date for entries is December 6th.

Also a reminder to those in possession of any perpetual trophies to return them so they can be presented to the new champions.

CLAMF will be sponsoring three events at the Nationals:-Vintage Combat, Combined Speed and Classic FAI T/R.

If your club or yourself as an individual wish to sponsor an event please contact a member of Nationals committee.

Monty Tyrell and Vintage Combat 2013 at KMAC

This year the Monty Tyrell shared the day with Vintage Combat and a disposal sale of books together with the remains of Tony Cincotta's kits, engines, plans and accessories. Although overcast there was very little wind and only a few light showers.



We had a good line up of competitors again this year and although many of the faces are familiar to us all it was a different mix from last year. Somehow time seemed to slip away from us and we only managed to get through 2 of the intended three rounds. Whether this was due to bargain hunting going on at the sales tables or just the fact that everyone was enjoying catching up with one another, it didn't seem to matter at the time. There is no doubt that PJ is making it hard for the others and gives some credence to the fact that having a model that you can fly across all the classes of events breeds greater familiarity and consistency, of course you have to have some talent as well. Dougie, last years winner changed to a Brodak .40 Mk1 to try and solve some harmonics issues in his Gieseke Nobler. Despite the engine running a little too hard in the first flight he controlled it well and looked in reach of PJ. He softened the run in the second round and was posting some good scores when the motor flamed out in the triangles putting an end to the challenge. The underlying battle then loomed to the fore between Kochie's relatively new Horrocks Larikan and Dave Nobes tried and trusted Shark 45. These are both big aeroplanes and fill the frame for the judges. Even with the Merco .61 upfront the Larikan just seems to hang

in the air and corner like it is on rails. It was a good battle and the friendly rivalry between the two just adds to the dimension. Dave was just not able to bridge the gap in the end.

Of course any competition needs some organisation and without judges it just wouldn't happen. So Peter Roberts and Peter Rowland (Senior) we are grateful. A special thanks again to Les for doing the running, taking the photos and cooking the snags. To Bruce also for doing the compositing and making the presentation for the winner and runners up. Although he wouldn't want it said we should acknowledge the generosity of a ex chief bottle washer of a spicy Thai Restaurant who supplied the prizes.



It was also a day when a young fella named Dan took to the air for the first time at Knox. He was a natural and a credit to his folks. He listened attentively, did what he was instructed to do. He took off and landed unassisted without incident on only his second flight. Well done!

More information regarding the KMAC club can be viewed on their web site.

<https://sites.google.com/site/knoxmacv/home>



Engine Torque

After having a recent Taipan engine failure I contacted David Burke at Adelaide Aeromotive regarding availability of replacement crankcases for a Taipan Series 12.

David's reply was:- *Very sorry Harry but no, we can only do rebores and replace the conrod and P&L on that engine. That S70/71 will remain a problem for us Harry, there is no suitable crankcase for us to supply to keep it going other than from Ebay.*

AA is however working on some new engines for C/L and F/F....

We will have some more information soon on our 2cc engine which is at an early stage of development,

It will be in four stages of prototyping, P1, P2, P3, P4 (production engine candidate).

This will be our replacement for the 1.9cc Tyro which is also coming to the end of it's Serviceability after forty years.

Here is a pic. of P1 which has completed the testing cycle and was recently retired to WA for some extended testing in a Vintage C/L model.



Also attached is the power comparison graph of P1 with a Tyro that was modified for higher performance.

P1 is a twin ballrace engine but still featuring traditional style construction with axial porting. I suspect that this engine will be produced for sale about July of next year.

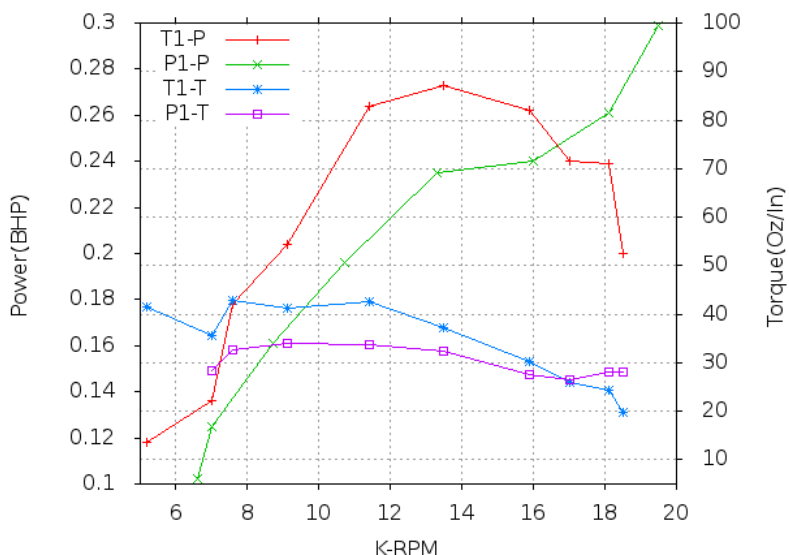
AA have other engines for C/L in the pipeline which will appear before the AA12S14TBRD, I can discuss them with you later.

Our engine stock numbers are defined as "Company-SizeInCubicInches-YearOfRelease-Type".

Our first priority is to make some replacement engines for Nostalgia Events. Engines of newer design will then follow including rear exhaust "Practice Engines" for F2A and F2C which are loosely based on the Taipan T15-RS prototype.

Yours, DB.

Tyro1 vs Tyro2 Comparison 31/08/2013



Taipan Reproduction Engines

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

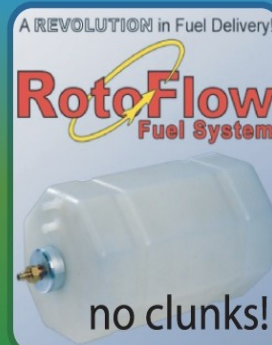
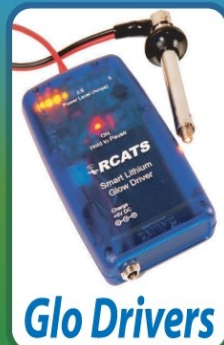
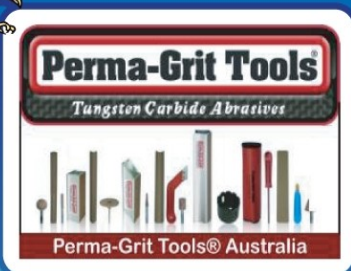
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New Models

This new Classic FAI model was built by Harry Bailey. It is based on the Danish "Klotznorutski" model by Luis Peterson and Jens Geschwendtner featured in the February 1977 edition of Aeromodeller. The engine is a Parra AAC. Initial test flights were encouraging but it was found that the sprung undercarriage had



a little bit to much rearward movement and there was a tendency to dip the nose on landing. Hopefully this problem has now been fixed and some serious testing and setting can take place in time for the Nationals in Albury.

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I no longer have competition grade balsa for sale.

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Engines for sale

PAW .55 RC BR DIESEL NIB \$125

MK-17 DIESEL 1.5 REAR INDUCTION NIB \$60

MARZ DIESEL 2.5 REAR INDUCTION NIB \$65

CIPOLLA JUNIOR 1.5 GLOW NIB \$50

ENYA .09 RC GLOW WITH MUFFLER HAS

BEEN RUN \$50

Contact Gavan Opperman for further details

0408 319 491 or e mail:- for oppy@bigpond.com.

ANDREW'S PANS.

In stock now 21 size speed pans, T/R pans and a few 2cc pans. Also thanks to some neat handy work from Julian Reichardt I now have a new T/R pan for sale. Julian 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 ext, 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.

There are no Fora engines or parts available at this time.

Regards,

Andrew Nugent.

andrew.n5@bigpond.com

PH 9551 1884.



Reliable 1.5 glow engine to use in a trainer model.

Contact:- Kim Laughton on 0478 169 992.

I'm going to the Nats at Albury and wouldn't mind entering Classic FAI team race.

I will buy a Fora engine (if available) but I won't have time to build a model. Is there anyone who may have a model that I can buy / borrow (steal) for the Nats ?

Cheers

Colin Leknys

Email:- 61419955257@online.telstra.com.au

AUSTRALIAN CONTROL LINE NEWS

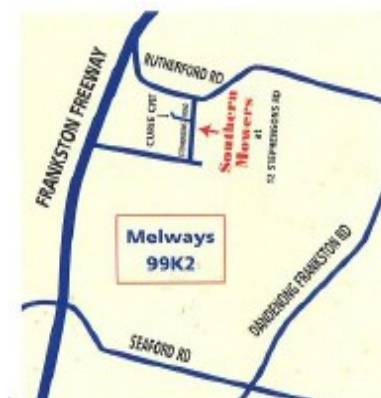
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