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# THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

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Number 271

Produced by the Victorian Control Line Advisory Committee



February 2022

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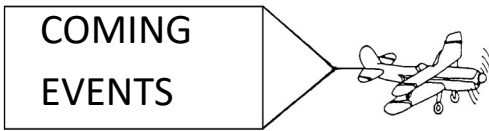
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### PRODUCTION SPECIFICATIONS

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.



## VICTORIAN CONTROL LINE CONTEST CALENDAR 2022

DATE	EVENT	CLUB
Feb 30	Australia Day Carnival	KMAC
Feb 13	<b>Combined Speed</b> , Carrier Deck.	CLAMF
Mar 12-13	S.A. State Champs. (TBC)	Monarto
Mar 20	Combined Stunt, <b>Combined Speed</b> ,	CLAMF
Apr 15-18	VMAA State Championships.	CLAMF/KMAC
May 8	<b>Combined Speed</b> , Simple Combat	CLAMF
June 12	<b>Classic FAI</b> , Vintage A, ½ A Combat.	CLAMF
Jul 10	Classic Stunt, <b>Combined Speed</b> .	CLAMF
Aug 14	Carrier Deck, 27 Goodyear.	CLAMF
Sep 9	<b>Combined Speed</b> , Vintage Combat.	CLAMF
Oct 16	F2B & Classic Stunt, Simple Combat,	CLAMF
Nov 13	Warbird Stunt and Nobler Stunt, <b>Combined Speed</b> ,	CLAMF
Dec 11	Vintage A, Classic B, <b>Classic FAI</b> .	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](mailto: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](mailto:knoxmacvic@gmail.com)  
Web site :- <https://sites.google.com/view/knox-model-aircraft-club/home>

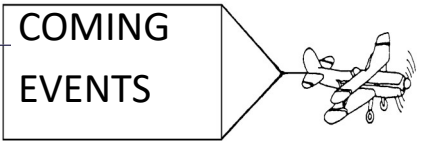
**CLAG** has monthly fly-ins at the Moe Race Track every first Sunday of the month.

Contact :- Reeve Marsh 0405 001 008

### Send your articles for publication to Newsletter Editor

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

[hbailey@optusnet.com.au](mailto:hbailey@optusnet.com.au)



## C.L.A.S. CONTEST CALENDAR 2022

DATE	EVENT	CLUB
Feb 6	F2B Aerobatics	SAT
Feb 12	Slow Combat & Vintage Combat	SSME
Feb 20	Central Coast Challenge. Festival of Speed.	KMFC
Feb 26-27	Hunter Valley Championships	MDMAS
Mar 20	F2B Aerobatics.	KMFC
Mar 27	Combined Speed.	SSME
Apr 10	Brendan Farrell Day	KMFC
May 1	Classic Stunt.	SSME
May 22	F2B Aerobatics.	SSME
Jun 11-13	NSW STATE CHAMPIONSHIPS. Aerobatics and Combat	CLAS Whalan Reserve
Jul 3	KMFC AGM.	KMFC
Jul 24	F2B Aerobatics.	KMFC
Jul 31	F2B Aerobatics.	Doonside
Aug 7	Peacemaker Day.	KMFC
Aug 14	Classic Stunt.	SAT
Aug 27-28	Oily Hand Diesel Weekend.	Cowra
Sep 11	F2B Aerobatics.	SAT
Sep 11	Slow Combat & Vintage Combat.	SSME
Sep 24-25	Classic B Team Racing and Fun Fly.	Rocky Rally
Sep 25	Gordon Burford Day.	KMFC
Oct 1-3	NSW STATE CHAMPIONSHIPS. Racing and speed.	CLAS Twin Cities Albury
Oct 30	Classic Stunt	Doonside
Oct 6	Festival of Speed.	KMFC
Nov 13	F2B Aerobatics	SSME
Nov 27	KMFC Christmas Party and Fun Fly.	KMFC.

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.

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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.

## 2022 Clasi Calendar



29 Jan	27 Goodyear, Vintage A
26-27 Feb	Hunter Valley Championships
26 Mar	21 Bendix,
30 Apr -1 May	<u>QLD State Champs, CLASII Ipswich</u> 2.5 Rat, 27 Goodyear, Classic B, Vintage A, Classic FAI, 21 Bendix
11 - 12 Jun	NSW State Championships
23 Jul	Vintage Combat
20 Aug	Vintage B, Classic B
24 Sept	Rockhampton (Rocky Rally)
1 - 2 Octo	<u>QLD State Champs, CLASII Ipswich</u> Vintage Combat, F2D, Open Combat, 2.5 Slow Combat, 35 Slow Combat
10 Dec	Christmas Breakup, Vintage Combat and 35 Slow Combat

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## Classic FAI T/R Update.

Just to keep you all interested over the Christmas period and so that you can start planning, I have, with consultation, set the Postal Classic FAI contest seasons for 2022. Here are the dates:

Round 1 - All of March and April, to include South Australian State champs in March.

Round 2 - All of May and June, to include Barton Bash, Western Australian State Champs.

Round 3 - All of August and September, to include UK Nationals.

There may be variations due to unforeseen circumstances but I hope that we can successfully run all events.

Once again, they are spread over two months to help other countries being unable to host events. I hope that we have an even bigger entry in 2022 than this successful year. Have a very Merry Xmas and a happy and healthy New Year.

*Norm Hinton*

## Obituaries

Since the publication of our last edition two long time modellers have passed away.

VALE PETER ROWLAND



Peter was a long time stunt flying member of the KMAC club in Victoria.

The funeral was held on Wednesday 1st December.

VALE JIM RAY



Jim was a long time member of the Springvale and Frankston clubs where he served as the club President for a time. Jim will be remembered for his team race flying with his son Colin. (The Cosmic Ray's)

The funeral was held in Shepparton on Monday 10th January.

Our condolences to Glenis, Colin and family.

A new event has been included in the Victorian Contest Calendar for this year.

Slow Combat has been flown as a successful event in NSW and Queensland for some time now so we are giving it a run in Victoria to see if there is any interest. Here are the rules that I have obtained via John Walker in NSW.



## Slow Combat Rules FYI:

### 4.1. General

FAI (F2D) combat rules apply unless specifically changed by these rules. (Common sense will apply as needed by the contest director)

4.2. If in the opinion of the contest director a model that does not meet all the dimensional specifications but is in their opinion with in the intent of the rules then it may be allowed to be used In that contest.

### 4.3. Characteristics of a slow combat model.

4.3.1. Engine is limited to a 2.5cc plain bearing type, if multi plain bearing engines are used then total capacity is limited to 2.5cc and line length is measured from axis of symmetry of the engines to the face grip on the control handle.

4.3.2. Model design, must have a fuselage with a minimum vertical height of 35mm (excluding any vertical fin) and a minimum continuous width of 10mm (for the whole 35mm height) between the trailing edge of the wing and the leading edge of the tailplane with a separation of 20mm (plan view) between the main wing and tail plane. There shall be a minimum difference in the cord line (vertically) of 15mm when viewed in an end elevation. No elevator only allowed. A substantial attempt must be made to have a conventional sport model appearance.

4.3.3. Fuel system shall be suction feed or muffler pressure only. No crankcase pressure, bladders or pacifiers are permitted.

4.3.4. Fuel for Glow engines and Diesel engines is unrestricted.

4.3.5. The engine is to be unmodified except conversion from RC to CL where required and compression adjustments

4.3.6. Mufflers are optional.

4.3.7. Model must rise off ground from a wheel attached to the model. Failure to do so will result in a penalty of 100 points each time the model does not rise off ground.

### 4.4. Control Systems

4.4.2. Control lines: two multi-strand control line wires of a minimum diameter of 0.3mm must be used.

4.4.3. Line test: Before each bout a pull test of 10kg shall be applied for 5 seconds to the model/line combination.

4.4.4. Handle tether: The FAI handle tether is required for slow combat.

4.4.5. The FAI Engine tether is required for slow combat.

### 4.5. Number of Models

4.5.1. Only one combat model and set of lines is permitted per combat bout.

4.5.2. A maximum of 2 models is allowed per competition. Models may be repaired between bouts. Replacement wings and fuselage are not permitted.

### 4.6. Conduct of Combat Bouts.

4.6.1. Warm up period: A 60 second warm-up period shall be used.

4.6.2. Contest period: Immediately after the 60 second preparation, the signal to launch models will be given. The combat bout lasts for 4 minutes from the signal to launch.

4.6.3. The bout will be started after each model has completed 2 level laps and are separated by approximately half a lap.

4.6.4. Electric starters may be used to restart or start motors after the centre judge has commenced combat after the initial start or more than 30 seconds after the initial launch of models if needed.

### 4.7. Method of Scoring

4.7.1. 100 points awarded for each cut taken on the opponent's streamer.

4.7.2. 1 point awarded for each second the model remains in the air.

4.7.3. Ground time will not be penalised.

### 4.8. Safety

4.8.1. Mechanics and pilots must wear a safety helmet fitted with a chin strap worn under the chin for the duration of the entire bout including 60 seconds to the start

4.8.2. NA

4.8.3. Intentional releasing the control handle while the model is airborne will lead to disqualification.



# First West Wyalong Nationals. Report, Results and Pictures.

After two previous 2021 postponements, the Nationals at West Wyalong was finally able to take place. The timing of the event may not have been the preferred choice for some potential competitors but the covid pandemic during the past two years has created many changes to our normal lifestyles and we have all had to make do to with some difficult times to the best of our abilities.

Many of the people that submitted entry forms for the Control Line events for the two previous attempts to run the contest, failed to attend the December-January contest and as a consequence the entry numbers were drastically reduced. The reasons for non attendance are numerous and varied but for those that did attend, they made the best of the situation and the hot weather conditions and performed to the best of their ability.

Team race entry numbers were decimated and the only team race that took place was the 27 Diesel Goodyear. A limited number of racing events could have possibly accumulated two or possibly three teams but with temperatures in the 35 C range the inclination to make the effort to set up the models for a two up race seemed hardly worth the effort.

The newly laid tarmac flying surface is very good and it was a pity that it did not get greater usage.

## 27 Diesel Goodyear Results

	<u>Team</u>	<u>Heat 1</u>	<u>Heat 2</u>	<u>Final</u>	<u>Engine</u>
1.	Murray Wilson/Mark Ellins	5:08.43	5:11.03	10:23.06	Fora
2.	Andrew Linwood/Andrew Heath.	5:19.60		10:37.45	R250
3.	Michael Owen/Eric Nutter	5:22.53		13:00.56	Fora
4.	Harry Bailey/Kenneth Hunting	5:27.09	DNF (18 laps)		MVVS



Aerobatics were once again held on the lush green flying surface at the McAllister Oval.

They almost did not happen at all as on Dec 5th the CLAS President (Gary Tansley) sent a message to the WW Nationals Organizing Body "We regret to inform you that CLAS is unable to supply enough people to run & judge the Aerobatic/stunt events at the WW Nationals."

The Nats organisers (NSWFFS) were able to provide the required judges and confirmed that the aerobatics would go ahead but the numbers of fliers that attended was very limited.

In **F2B Expert** there were plenty of original entries but only 3 turned up. One of these was Reg Towell but he took on the judging duties and did not fly. P.J. Rowland had driven up from Victoria but had to return home after receiving an urgent message. That left Mark Ellins as the only person to fly his four rounds. Needless to say, he won the event.

**F2B Advanced** also had 3 entries but B. Vicary did not fly. Gary Lynch was the winner and Don Keysecker took second place.

In **Classic Stunt**, Gary Lynch had the misfortune of a bird strike whilst having a practice flight and his model was destroyed. Eric Nutter fronted up with a vintage combat "Anduril" along with the documentation to prove it's authenticity and flew the schedule (much to the amusement of himself and the gathered spectators) but Don Keysecker was the clear winner.

**Vintage Stunt** was not flown and I think the windy conditions may have had some influence in that decision.



EXPERT F2B						
NAME	R1	R2	R3	R4	SCORE	PLACE
M. ELLINS	951.5	979.75	1039.75	1018.25	1012.5	1
R. TOWELL	DNF					
P.J. ROWLAND	DNF					
ADVANCED						
DON KEYSCKER	701.5	866.5	858.75	794.75	841	2
GARY LYNCH	914.5	878.75	916.5	896.25	909	1
B. VICARY	DNF					
CLASSIC						
D. KEYSCKER	496					1
G. LYNCH	BIRD STRIKE					3
E. NUTTER	251½					2
VINTAGE						

The Combat events were ably conducted by CD Bob Phippen who had come down from Queensland with his sister Marianne Stewart. I was not present during the F2D contest but here are the results.

**F2D Results.**

Entrant	Rd 1	Rd2	Rd3
Robert Owen	W	W	W
Eric Nutter	W	L	W
Bob Phippen	L	W	L
Marianne Stewart	L	L	

*Eric Nutter will never forget the fun day he had when he got second place in Classic Stunt at the Nationals.*



**Half A Combat** had four entries. Ken Hunting had a PAW engine that would not start so Robert Owen kindly loaned Ken one of his models. Ken is not a regular combat flyer and was surprised at how quick the model was with a Cyclon .09 but managed to keep it out of the ground for long periods.

Robert Owen obtained first place with four straight wins.

**Half A Combat Results.**

Entrant	Rd 1	Rd2	Rd3	Rd4
Robert Owen	W	W	W	W
Harry Bailey	L	W	W	L
Ken Hunting	W	L	L	
Richard Justic	L	L		



*Richard Justic takes a break during proceedings.*

### Simple Combat Results.

Entrant	Rd 1	Rd 2	Rd 3
Eric Nutter	L	W	W
Marianne Stewart	W	L	L
Bob Phippen	W	L	L



*Left:- Robert Owen's Simple Combat model with a difference. Unfortunately we did not see it fly as he needed to take Richard Justic to hospital.*

of Richard Justic which required hospital treatment. Here is a picture of the components that failed

with the hope that future open combat contestants will review the equipment they are using so that this type of accident does not re-occur in the future. Best wishes to Richard during his recovery.

### Vintage Combat Results

Entrant	Rd 1	Rd 2	Rd 3	Rd 4
Bob Phippen	Bye	W	W	W
Marianne Stewart	W	W	W	L
Ken Hunting	W	L	L	
Harry Bailey	L	L		



The last contest at the Nationals was Vintage Combat. Lots of laughs, lots of fun, a little bit of carnage, and great camaraderie were all features of the Vintage Combat contest. Thanks go to all that helped out with cut judging etc.



*Right:- A family affair with Bob and Marianne*

### Open Combat competition was not flown.

Whilst holding an open combat model and adjusting the needle setting of a running Fora 36, the aluminium engine bearers fractured and the engine flipped backwards and caused severe lacerations to the hand



### Combined Speed Results

Entrant	Class	Rd 1	Rd 2	Rd 3	%
Harry Bailey	Class 2	17.36	17.13	17.15	86.9%
Ken Hunting	Class 1	20.46	20.44	20.84	76.1%
Harry Bailey	Proto	32.5	32.2	32.4	
David Axon	Jet	-	-	-	
Andrew Heath	Class 1	-	-	-	

### A brief summary of Combined Speed.

Dave Axon only managed one flight of either of his jets but did not record a time. Andrew Heath had an ex John Jacobson Class 1 model that would not work properly. An inspection found a leaking tank. The attempted soldering repair did not fix the problem. Ken and Harry were the only ones to record any times.

**F2A Speed** was the highlight of the Nationals contest as Andrew Heath managed to crack the 300 kph barrier and break the Australian F2A record.

The contest was flown over two day's and during the first day some flyers were bemoaning the conditions at 300 meters above sea level as being the reason for the lack of fast times but Andrew put that theory to rest firstly with a record breaking speed of 298.4 kph and followed that up with his next flight with a time of 11.987 seconds which equates to 300.315 kph. Andrew used a Profi engine that had been worked on by NSW engine Guru Stan Pilgrim.

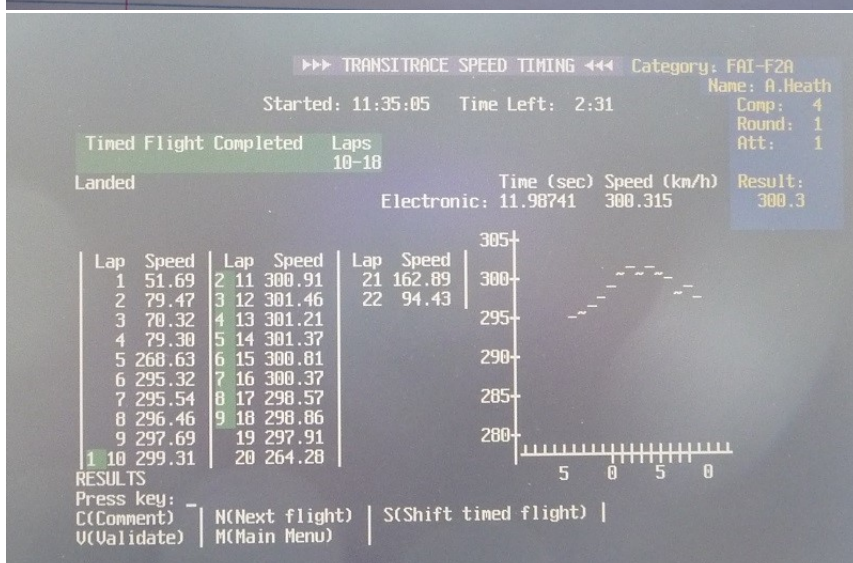
John Walker tried hard but failed to record a time. Ken Hunting's first flight with his Irvine engine was on the rich side but he was happy to record a time. His second flight had a better tune and was quicker but the prop came off mid flight and put an end to his improvements.

Harry Bailey was happy with his best speed of 255.3 kph but still needs more practice in getting the handle in the pylon.

Murray Wilson was the best of the 4 Victorian entries and Mark Ellins managed to record two times on the second day and grab the third place on the podium.

2021-22

	R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	BR4
F2A		300.315		
Andrew Heath	298.4	11.987	289.3	N/A
John Walker	0	0	0	NA
Ken Hunting	189.10	0	N/A	N/A
<del>Richard Foster</del>	0	245.2	0	255.3
Harry Bailey	0	0	270.1	271.7
Mark Ellins	280.7	0	0	282.1



**Summary**

It took three attempts but the 2021 West Wyalong Nationals eventually did happen. The members and officials of the NSWFFS had to overcome a lot of setbacks (Covid/floods) in their efforts to bring them about and we should thank them for their efforts.

Overall, the entry levels in the C/L competitions were very disappointing. Those of us that attended made the most of what we had. The hot weather conditions certainly did effect how we went about our activities but the low entry numbers did at least allow us to proceed at a more leisurely pace than would have not been possible otherwise.

I think the free flight events had better support and entries and one of the plus benefits of having most of the control line and free flight events at the same field was that we had the opportunity to watch some of the alternative competitions taking place. Everyone I approached and asked to explain about the events and equipment used were very friendly and helpful and my understanding of free flight modelling has been greatly enhanced.

The spit roast dinner under the stars at the AB field on New Years Eve was most enjoyable.

Michael Owen was in attendance and kept busy taking videos and photographs of all the action and intends producing a video of the events in due course.

Reports and pictures by Harry the Editor.





# Annual Trophy for Speed at the Nationals.

It was decided early in 2021 by the control line speed fraternity that a annual trophy would be named in honour of Fran Jacobsen, who as you know, competed in multiple State and National Championships in combined speed.

The trophy is to be awarded to the best performance in any of the speed categories flown at the Nationals, i.e. the Combined Speed categories plus F2A, all based on the % of their current Australian record.

As you are aware I was able to break the long standing F2A record at West Wyalong in 2022 with a speed of 300.13 Kph which equates to 100.008%.

I would like to thank John Jacobsen for initiating the trophy as it is certainly a fitting way to remember his wife Fran. I am proud to have been the inaugural winner with a good turn of speed.

Unfortunately John was unable to be at the event to present the trophy due to covid restrictions so he kindly posted it to me this week.

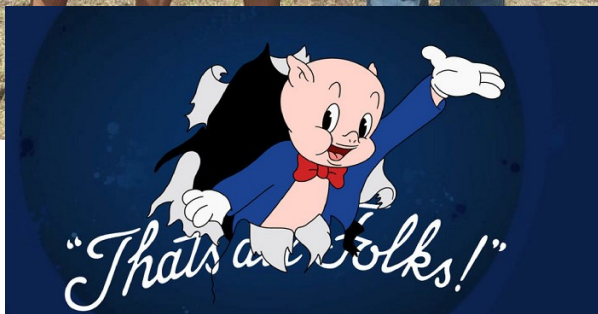
John commented that he will still be competing but not eligible for the trophy. It is not a perpetual trophy but a new trophy every year for the next 10 years.



*Andrew Heath proudly shows his trophy that he was awarded for his F2A result at the 1st West Wyalong Nationals.*

# Some random pictures from the West Wyalong Nationals.







# AROUND THE CLUBS



This years final club competition day was held at the Seaford field on December 12th. Classic FAI team race was flown and plenty of other sports flying as well.

Thanks to Fiona, Myra and Rebecca for providing the hamburgers and sausages for our Christmas break up lunch.

*Andrew Nugent brought down a Classic FAI wing and tail-plane to show us that was made by Ray Harvey. A lovely piece of workmanship!*



*Nobby Baker gets ready to fire up the Frog 500 in his ex Doug Grinham "Champeen" model.*



*It's a little ripper declares Nobby.*

It was a great day for flying down at the Seaford field on January 9th.

Seven people flying stunt models in light winds until around 3:00 pm when the winds increased.

Sergei Mardiyants had driven over from Hoppers Crossing to give his two newly constructed SIG "Twister" models some test flights. Assisted by Mark Ellins, Sergei managed to fly a little bit of solo flight and hopes to return to our field sometime soon as he re-introduces himself to control line flying. During the first flight he got a bit giddy and Mark took over the model flight, up until the thread on the kwik-link on the flaps sheared and the model made a hard landing but only suffered a bent undercarriage and a broken prop. Andrew Nugent later gave Sergei a flight of his "Mini Yat" and he managed a few solo laps.



*The control connectors before they broke.*



# Hunter Valley Championships.

Proposed to be held **26/27<sup>th</sup> Feb 2022**, 8640 New England Highway Muswellbrook 2333. NSW Covid rules apply as per [www.nsw.gov.au](http://www.nsw.gov.au)

**If Covid conditions or rules change the event may be cancelled. If showing any signs or symptoms of Covid please do not attend. Registering attendance at the club upon arriving is compulsory, each day.**

Entry fee is \$10.00 per event to a maximum of \$40.00.

## **Saturday 26<sup>th</sup> February**

**8:00 am** C/L Practice

**9:00 am start** 27 Diesel Goodyear  
Slow 2.5 Combat. *Note: Electric starter permitted for restarts.*

Vintage A Team Race

**9:00 am start** Classic Stunt, Profile Stunt (Taster Stunt Pattern)

## **Sunday 27th February**

**7:00 am Start** Free Flight Catapult Launch Glider

Combined Free Flight event: Hand Launch Glider with Tip Launch Glider.

## **Free Flight events to be completed by 9:30am**

**8:00 am** C/L Practice

**9:30 am Start** Vintage Combat  
1/2A Combat

**9:30 am Start** F2B,

## **Note:**

***No IC engines to be run before 8:00am or after dark. There will be no night flying. Team events have an entry fee for pilot and pit person.***

***No open fires are permitted, this includes fire pits and similar. This is a breach of our lease conditions.***

***A Canteen will be available for drinks and a lite lunch Saturday and Sunday – Unpowered camping available at the field for a donation of \$5 per site per night – Access available for competitors and visitors from 1200 hours Friday, 25<sup>th</sup> Feb – Sunday night camping by arrangement only, – toilets & cold water are available – (sorry, no showers). – current MAAA cards MUST be shown on the day when registering. – Buy, sell & swap welcome. -- Attendees are responsible for the proper removal of all personal rubbish from the field.***

***Sport RC flying is permitted when events are not being run in the area. MDMAS safety rules and height restrictions apply. Must be an MAAA member, visitors book to be signed if not entered.***

***NSW Covid safety rules apply and must be followed. Refer: [www.nsw.gov.au](http://www.nsw.gov.au) for guide. Attendance register is required to be completed each day of attendance.***

# 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](mailto:ross.goodings@gmail.com)

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Phone 07 3288 9263

Mobile 0402 295 370

For Sale.

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](mailto:feraldoghunter@gmail.com)

Danny Ms mob # 0477224751

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## **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](mailto: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](mailto: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](mailto: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](mailto: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

Raduga 7 Some bench running, never flown.  
 Russian made with muffler and integral spinner. \$75  
 Merco 49 #1 In good original condition, little use. \$90  
 Merco 49 #2 In good original condition.  
 Fitted with R/C carby. \$90  
 Enya 45 6001 Bench run only.  
 Ring may be gummed up as comp is soft. \$150  
 K&B Torpedo 45 Well used,  
 compression is reasonably good. \$80  
 HP 40 Gold Cup #2 Stunt timed, good power but  
 slightly rough 2/4 transition. Powder coating  
 on case is shabby. \$70  
**HP 40 Silver Star #8** Fitted with BRISTUNT ABC  
 p/l assembly. Very clean. Needs more running  
 to reach optimum. \$160  
 Fox 40 Tall case, big lugs. Lug holes elongated,  
 two extra holes. \$75  
 Veco 35 #2 Good comp, matte grey case,  
 large shaft. Enya NVA. Tongue muffler included. \$80  
 Veco 35 #4 Large shaft, matte grey case. Enya  
 NVA. Tongue muffler included. \$80  
 Fox 35 #2 Moderate power. Shiny case, muffler ears.  
 Hemi head, stuffer backplate, ST type NVA. \$55  
 MVVS 35 Of Czech origin. Rear intake, slightly  
 enlarged lug holes. Includes original tube muffler. \$200  
 Frog 500 #3 Reasonably good comp, stack ground  
 to a curve (t/r mod?), Fox NVA, thin lug model. \$60  
 MARZ 2.5 Diesel. Near new, bench run only,  
 never been in the air. \$75

Mufflers:

OS Jetstream #1 Well used but in good shape.  
 Missing original mounting screws. \$25

#2 Strap mounting. \$25  
 #3 Shells and exhaust extension only, no screws. \$15  
 #4 Two pairs of shells, one exhaust extension.  
 Suit .15 or .19. \$10  
 Fox Flow Through. New. Over/under mounting lugs. \$50  
 HP Expansion chamber type. Original powder  
 coating finish. \$20  
 Tongue muffler. To fit Moki 51. \$10  
 A-Just-O-Jig wing and fuselage building jig.  
 New, complete in original box. \$180  
 ST46 Bullring case. New. \$20.

Contact Peter White mob: 0401 496 265 (Perth time is  
 EAST less three hours) or email:

[peterwhite1942@hotmail.com](mailto:peterwhite1942@hotmail.com)

I can email you a list of remaining motors if you are interest-  
 ed or just curious.

## Wolf Models

[www.wolfmodels.net.au](http://www.wolfmodels.net.au)

07 54657897

[sales@wolfmodels.net](mailto:sales@wolfmodels.net)

### LASER KIT CUTTING SERVICE

We now have a 130W laser for cutting short kits.

We can either work with your CAD files or you can email us  
 your PDF or TIFF files and we will convert them into Autocad  
 and overdraw them for the laser to cut. Then we can print  
 your plans for building from.

If you only have paper plans, then send them to us and we  
 can scan into our system. Plans will be returned undamaged.

We can also print you a second copy if needed.

Our laser has a 1300 x 1200 bed

Check our website regularly for an update of plans we have  
 in stock.

We have a huge list of plans which aren't on the website yet  
 Cheap electronic format plans are available from Ebay USA

### PLAN PRINTING SERVICE

We now have a wide format plan printer and scanner.

Up to 1067mm or 42" wide by whatever length is required.  
 Plans are sent rolled in a tube, or folded which costs less for  
 postage

Simply email us your plan.



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](mailto:lekos1@bigpond.com)

Owen T 2.5 D

Conrod for an ETA Elite

Taifun, Meteor or Komet

Contact Wayne Wilson

[whyzedman@hotmail.com](mailto:whyzedman@hotmail.com)

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