

THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 239

Produced by the Victorian Control Line Advisory Committee



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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 2018/19

DATE	EVENT	CLUB
Mar 3	CLAG flying day incorporating Electric Control-line!	Moe
Mar 9 - 11	S.A. State Champs.	Monarto
Mar 24	Combined Speed , Combined Stunt	CLAMF
Mar 31	Vic State Champs practice day, general flying welcome.	KMAC
April 19 -21	Vic State Champs.	CLAMF/KMAC
Apr 28	KMAC Carnival.	KMAC
Apr24-May1	MAAA 71st Nationals.	West Wyalong
May 5	CLAG flying day.	Moe
May 19	Combined Speed , Coreflute Combat.	CLAMF
May 26	All-Aussie and Vintage Combat.	KMAC
Jun 2	CLAG flying day.	Moe
June 16	Classic FAI , Vintage A, ½ A Combat.	CLAMF or Albury
Jun 30	Rat Race.	KMAC
Jul 7	CLAG flying day.	Moe
July 14	Combined Speed , Classic Stunt.	CLAMF
Jul 28	AGM and Warbirds.	KMAC
Aug 11	Carrier, 27 Goodyear.	CLAMF
Sept 8	Combined Speed , Vintage Combat.	CLAMF
Oct 5-7	NSW State Champs.	
	Racing and Speed	Albury
Oct 20	Corflute Combat, F2B & Classic Stunt.	CLAMF
Nov 10	Combined Speed , Warbird Stunt.	CLAMF
Dec 8	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: President:- Reeve Marsh 0405 001 008 or

Secretary:- Bruce Mackay 0418 380 014.

Email:- 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 :- Treasurer. Alan Frost

Email:- afrost2@skymesh.com.au

Phone:- 03 52817350



COMING EVENTS



C.L.A.S. CONTEST CALENDAR 2019

DATE	EVENT	CLUB
Mar 2-3	Hunter Valley Championships	MDMAS
Mar 9-11	South Australian State Championships. ***	MASA
Mar 17	F2B Aerobatics.	SSME
Mar 24	F2B Aerobatics.	KMFC
Apr 7	Brendan Farrell Day. GGY and Mini GY.	KMFC
Apr 14	Combined Speed	SSME
Apr 14	Vintage/Classic Fly In.	Doonside
Apr 19-22	VMAA STATE CHAMPIONSHIPS. ***	CLAMF/KMAC
Apr 24-May 1	71st NATIONALS. *** NSWFFS at West Wyalong	
May 18-19	Veterans' Gathering.	MDMAS
May 19	Combat. Slow and Vintage.	KMFC
Jun 1-3	W.A. State Championship***	AWA
Jun 8-10	NSW STATE CHAMPIONSHIPS. Aerobatics and Combat ***	
	CLAS NSW at Whalan Reserve	
Jun 29-30	Frank Bryant Memorial Warbirds & Civilian Scale Event.	MDMAS
Jul 7	Annual General Meeting	KMFC
Jul 7	Milperra Vintage/Classic Fly In.	
	SAT at Ashford Reserve	
Jul 21	F2B Aerobatics.	Doonside at Whalan Reserve
Jul 28	F2B Aerobatics	KMFC
Aug 11	Classic Stunt.	SAT Ashford Reserve
Aug 11	Peacemaker Day	KMFC
Aug 23-25	Cowra Oily Hand Diesel Weekend	Cowra
Sep 14-15	Rocky Rally Classic B T/R and Fun Flying.	
Sep 22	F2B Aerobatics	SSME Luddenham
Sep 29	Gordon Burford Day	KMFC
Oct 5-7	NSW STATE CHAMPIONSHIPS RACING and SPEED ***	Twin Cities Albury
Oct 13	F2B Aerobatics	SAT Ashford Reserve
Oct 20	Vintage/Classic Stunt Fun Fly	SAT Ashford Reserve
Oct 27	Combined Speed, DGY and other Racing	
	SSME at Luddenham	
Nov 3	Classic Stunt	Doonside at Whalan Reserve
Nov 10	DGY, Speed, Weatherman TR	KMFC
Nov 24	KMFC Christmas Party and Fun Fly	KMFC.
Dec 1	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

Send your articles for publication to Newsletter Editor

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

hbbaily@optusnet.com.au

News from 2VA

We will not be listing Vintage-A at the State Champs. This is

mainly due to the decline in participants over recent years. Last year it only attracted 2 entries and the year before there were 3 of which two were from Singapore.

Classic-FAI is gaining momentum in the eastern States Championships and already has more prospect here, so now is the time to move forward.

There are at least 3 teams with models ready to go right now, but we need others to get on board and start or complete new models for our first practice event planned for late March. (date yet to be confirmed)

We hope to attract a few teams from outside WA and Singapore has been advised to start building.

The rules are in the MAAA rule book.

There are plenty of plans available or you can design your own.

The program for next year's State Champs will look a bit like this. F2A, F2C & F2D as World Champs qualifying events.

We will be calling for pre-entry this year to finalized the program.

Friday 1st June. Practice all classes.

Saturday 2nd June. F2C rounds 1,2 & 3. F2F 2 rounds and final.

Sunday 3rd June. F2C round 4 and final. F2D

Monday 4th June. F2A. Classic-FAI (will move to Saturday if F2F does not get enough pre-entries)

Cheers

Trevor Letchford.

2019 Clasii Ipswich Calendar

STATE CHAMPS

23rd – 24th March, All grass racing, Vintage A, Classic B, 2.5 Simple Rat, Brian Bourke 500 lap Memorial 27 Goodyear, Classic Fai, 21 Bendix.

10th– 11th August, All Combat, F2D, Open, Vintage, 35 Slow, 2.5 Slow.

2nd – 3rd November F2A, F2C, F2F, Open Goodyear, Classic Fai, Speed,

Club Comps

Sat 9th Feb, 27 Goodyear, Vintage Combat

Sat 18th May, Classic B, Vintage A, .27 Goodyear

Sat 13th July, 21 Bendix, 2.5 Simple Rat

Sat 14th December, Xmas Break Up. Vintage Combat, 2.5 Slow Combat

NEW MODELS

Brian Eather has sent me pictures of his just finished red Humongous which he intends to fly at the Nats.



The red is new. The yellow is 2 years old. Both powered by Anderson Spitfire 60's.

Regards Brian Eather



AROUND THE CLUBS

When the Nationals are not held at the traditional early New Year time slot it tends to leave a hole in the competition calendar at that time of the year. The last couple of years have had CLAMF organising a three



day completion at their club field and they have been very successful affairs. A repeat event was considered again this year but with so many competitions already arranged in the beginning of the year that require interstate travel for those amongst us that would like to qualify for the Australian team for the 2020 World Championships, it was considered that participation interest would only be lukewarm and the competition prospect lacked any serious drive. Closer to the Australia Day weekend some South Australian modellers expressed an interest to make the journey so a low key three day competition was arranged.

The scheduled events were to be Classic FAI team Race, Navy Carrier Deck, Combined Speed and Vintage Combat. The Navy Carrier Deck did not eventuate due to the lack of entries.

With the small programme of events there was no pressure to push things along and plenty of model testing and sports flying took place taking full advantage of the pleasant weather that we experienced.

The ladies in the catering department did an excellent job of feeding the hungry and the "gourmet hamburgers with the lot" were the stand out food of choice on the Sunday.

Classic FAI team race was held on Sunday morning. Neil Baker teamed with Murray Wilson to fly his "Classic Nobby" Ray Harvey built Shadow/Nelson model. Harry Bailey piloted his Klotznorutski/Parra model with Ken Hunting as mechanic. Mark Ellins piloted his Fora powered model with Paul Stein doing the flicking. With only three teams entered and a shortage of time-keepers, it was decided to have two rounds of two up races. In his second race Neil had a nice tune on the Nelson and his slick pit stops enabled him and Murray to set the fastest time of the day and edge out Harry and Ken into second place by a margin of seven seconds.

Classic FAI T/R Results.

Team	Heat 1	Heat 2
M. Wilson/N. Baker	4:40.19	4:24.32
H. Bailey/K. Hunting	4:55.0	4:31.1
M. Ellins/P. Stein	5:01.69	5:13.25



Harry and Ken placed second in Classic FAI T/R with the Parra powered "Klotznorutski"

AUSTRALIA DAY SPEED COMP-Frankston- 29-1-2019.

A good entry especially in FAI Speed with 5 entrants all getting times and no damage done.

Weather was hot and a little bit of wind, overall winner was Rob Fitzgerald from SA, he has been doing a fair amount of F2A testing lately.

Class 1 (2cc) has a good entry now that we are all on 10% fuel.

Ken Hunting had his Novarossi .12 model but fuel feed problems prevented him getting a flight.

Harry Bailey has now started flying FAI with a donated used model and a new Profi motor, which is only the "Belmont not a Kingswood" not that much difference! it uses a standard rear bearing, not balls running on the shaft, it has a BRASS liner which is the same as the more expensive version now, not the Beryllium copper one.

The old liner Beryllium Copper ones stay parallel not like brass liners of old. My old Profi has had 3 pistons fitted and the liner is still tapered and round, that's a good thing as Profi chrome is a lot harder to lap than other motors.

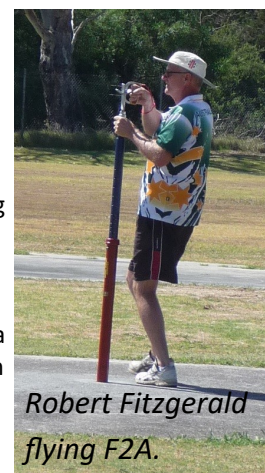
I flew my FAI Profi in a comp for the first time in years, but I had trouble keeping up with it (old age and legs) did 13.31 even holding it up for last 3 laps.

I had to pull out of pylon but luckily had done the required 9 laps.

There is a definite rise in interest in C/L Speed in Victoria lately especially F2A, when we go to the field mid-week or the odd weekend quite a few speed models get flown, which is good to see. When I went to the comp held over Aussie day week end, on the Friday practice day it was mostly FAI models flying and being worked on talked about.

I thought I had died and gone to heaven after 40 years of trying to get speed accepted.

Mark Ellins starts his Profi engine for a F2A flight.



Robert Fitzgerald flying F2A.

Mark Ellins has started flying FAI is using Murry's "Old Yella" model now

painted white. He has a new "Kingswood" Profi model which has been going well and he is learning to fly using the FAI yoke which is harder to use than a combined speed yoke.

At the Vic State Champs we may have 10 to 12 entries in FAI speed, as it is a qualifying round for the 2020 World Championships team. On the Saturday we are going to have trouble with time to get everything done. We have to finish F2C Team race and then following FAI speed, run combined speed, so could everyone PLEASE try and keep the flights moving along. We should also stick to the 3 minute call up rule as it is W/C qualifying and we need to get used to doing it too the rule book.

I have bought an electric starter set-up for the club, so if interstate guys don't want to bring one with them they can have use of it. Report by Robin Hiern.

Combined Speed Results.

Pos	Name	Class	Engine	Flight 1	Flight 2	Flight 3	Fastest	Km/h	%
1	R. Fitzgerald	FAI	Profi	12.64	12..59	12.44	12.44	289.39	97.19%
2	M. Wilson	FAI	Profi	12.95	13.04	12.59	12.59	285.94	96.03%
3	R. Hiern	Class 1	Novarossi 12	16.86			16.86	213.52	95.02%
4	R. Hiern	Proto	Novarossi 21	30.27			30.27	191.40	94.19%
5	M. Ellins	FAI	Profi	13.19			13.19	272.93	91.66%
6	R. Hiern	FAI	Profi	13.31			13.31	270.47	90.83%
7	A. Nugent	Class 1	Novarossi 12	17.85		17.86	17.85	201.68	89.75%
8	H. Bailey	FAI	Profi	14.35	14.33	14.14	14.14	254.60	85.50%
9	H. Bailey	Proto	Novarossi 21	33.46	36.32	N.E. Laps	33.46	173.15	85.21%
10	H. Bailey	Class 1	OS CZ11 PS	N.E. Laps					0.00%
11	K. Hunting	Class 1	Novarossi 12	D.N.F	D.N.F				0.00%

The Vintage Combat contest had seven entries. Les Spaltman had travelled from the Bacchus Marsh area in Victoria and Greg Nelson had driven over from South Australia and camped at the flying field for the weekend.

C.D. for the day was Paul Stein and the event got under way shortly after the lunch break on Sunday. Using the "two losses and your out" system, Nigel, Greg and Harry departed after round three. Les Spaltman had a bye in the first round and had his second loss in round four.

With the final three left in the competition Murray flew against Ken and they had a massive overhead collision resulting in two wrecked models that landed in a tangled mess in the pilots centre circle. Murray had one cut on Ken and won the bout 105 points to Ken's 87.

In the final bout, Murray had a dismal time against Tony. He was one cut down and only gained 63 seconds airtime. Tony had full airtime + 1 cut and was the champion of the day.

Vintage Combat Results.

Entrant	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6
Tony Caselli	W	L	W	W	W	W
Murray Wilson	W	W	B	L	W	L
Ken Maier	L	W	W	W	L	
Les Spaltman	B	L	W	L		
Harry Bailey	W	L	L			
Nigel Robertson	L	W	L			
Greg Nelson	L	B	L			



Ken Maier Murray Wilson



M. Wilson T. Caselli K. Maier



Greg Nelson came from South Australia

Left:- Seven year old Aiden Spaltman had a few sports flights assisted by father Les.



GLOW PLUGS FOR STUNT.

It is important to use the correct plug and fuel for C/L stunt, due to the low compression that a proper stunt engine has to get the fast 4 stroke and 2 stroke in manoeuvres.

A typical motor has around 6.5, to 10 to one compression ratio which is very low hence the low power, IF ? the comp was raised to say 14 to one you would have more power but not a switching run.

The famous FOX 35 has only 6.5 to 1.

Due to low compression therefore low heat in engine you need a "HOT" plug to keep the fire alight especially as they are generally run on the rich side.

IF ? a too cold a plug is used it could flame out, so you might tend to lean in the needle. That is the wrong approach, the model will fly too fast.

I had a case a while ago when a guy had a FOX 29 that would only turn 7400 rpm and would then stop running. The needle setting was super critical, there was not enough power for the model even though it had a suitable prop on it.

He had been using 3 to 1 fuel which really is too much oil even though Fox recommend 29%. The suggested excessive amount of oil is too cover up bad machining, the liner has no taper and sometimes burrs were left when the ports were cut. Until the motor is loose they can have a tendency to momentarily seize.

His motor felt OK as it must have had plenty of running.

So first I tried 4 to 1 fuel mixture as I did not have any 3 to 1 grease!! Peak revs was 10000 with glow lead ON and dropped to 9200 when it was removed.

Then I tried my sport stunt fuel with 6% nitro, the RPM increased to 12000 with the battery connected and dropped off to 11600 when the lead was removed.

The next change I made was to remove the plug he was using which was a HOT plug of which can't mention the brand.

Now, using 4 to 1 fuel again and a "HSP" hot plug (cheap around \$3.50 each from Hobby King and others from Hong Kong) revs were then 12,200 lead on and 11,600 lead off.

On 6 % fuel it was 12300 lead on or off, and in addition, with the lead off I could wind needle out to a very rich 4 stroke and the engine kept running.

All these readings were with a Fox muffler fitted.

Another case I had was a new MOKI 51 a real stunt motor, to run in on the bench. Initially, with the gold Moki plug supplied, unless the glow lead was on it would stop instantly unless a full peak revs, which is not a good scenario.

I tried various other plugs and settled for a Fox 1.5 v idle bar, it then was fine, and then I put it in an overweight model to fly and it runs like a dream.

I also had a second hand MOKI 51 that when the leads were taken off, it would drop around 500 rpm whatever plug I tried, but in air it was OK.

Why people persist in not using around 5 % NITRO has got me baffled, it is added to aid smooth running /needle flexibility etc. 5 % is enough although if you want more power keep going to say 10 ---20 %.

The Myth about metal corrosion caused by Nitro I don't believe, I have never had corrosion even when I used 60% nitro-methane fuel in speed models. All I did most times was at end of day squirt some CRC and or auto trans fluid and car oil in venturi /port, flick the engine over a few times and then leave it until used the next time.

With all my Nova Rossi engines I have only ever replaced one or two bearing in 15 years and the reason for changing them was not because of corrosion.

In fact my latest Novarossi 12 I bought 12 months ago and has only ever been run on the new 10% nitro fuel, I did find a tiny stain on the crank web. Methanol however is bad for corrosion as it soaks up water from the air and storing engines with excess methanol inside them is asking for trouble.

Another good stunt plug is Enya #3 as it has a lot of platinum content in it.

Hope this is of help to avoid some of the bad runs you see.

After a LOT of running the plug may go off and not work as well, check with magnifying glass to see if has a frosted element. If the element is frosted it's probably time that it was replaced.

Robin Hiern



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.

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71st MAAA National Championships

24 April – 1 May 2019

Bulletin Number 2

Program changes;

The Combat and Racing/Speed contest coordinators will be working together with draws to allow people to cross compete as much as possible (within reason) and still get all the events run.

We want you to compete and enjoy as many events as possible but as a competitor you will have to compete in a efficient and timely manner for it to work.

The control line demonstration/try/fly day has been changed to day 1 Wednesday 24 April. Some other timings have been changed to allow flyers to compete at different venues. See the new program

Visit the MAAA web site for more Nationals information

<https://www.maaevents.com.au/>

"We are unable to cater for 70ft lines at the airport hard surface, this will not permit the open class pulse jets to fly in combined speed.

In addition we need to advise that the 2.5cc Rat Race lines as outlined in the current MAAA rules is inadequate in terms of DIA. The lines must be the same DIA as the open Goodyear category. This is necessary due to the more recent introduction and failure of stainless steel lines, we did the same last year."

Date	Social Events	CL Aerobatic McAllister	CL Speed WW Airport	CL Combat Redman
Wed 24	Opening Ceremony Ind/ Stadium	Practice Demo fun fly/try day	Practice	Practice
Thu 25	Anzac Day Dawn Service	9am-4pm F2B AEROBATICS ADV & EXP	9am-1pm Combined/Jet Speed 1pm Junior 2.5cc Rat Race	10am-5pm Slow Combat 1/2A COMBAT
Fri 26		9am-4pm F2B AEROBATICS ADV & EXP	9am-1pm F2C T/RACE Heats 1&2 1pm Classic FAI T/R	8am-10.30am Classic B
Sat 27		9am-4pm F2B AEROBATICS ADV & EXP	11am-2pm F2C T/Race Heats 3&4 F2C Finals 2pm F2F T/Race	8am-10.30am VINTAGE A T/R
Sun 28	Swap Meet Auction 6-9pm	9am-4pm F2B AEROBATICS ADV & EXP	11.30am-5pm Open R/ Race, SNR 2.5cc R/Race	9am-5pm F2D and Jnr Combat
Mon 29	6pm-7.00pm Night Scramble 7.30pm BBQ AB field	Control line scale Demo/try /fly day	9am-11am Round 1&2 F2A SPEED GOODYEAR.	11am-5pm VINTAGE COM- BAT
Tue 30		9am Classic Stunt	9am-11am Round 3&4 F2A SPEED 11am GOOD- YEAR 27sec/10 laps	8am-5pm OPEN COMBAT
Wed 1 May	Celebration dinner WW Services club	Vintage Stunt	Reserve Day	Reserve Day

Closing Date for Entries is 28 February

2019 - we will accept a late Fee of \$50 for any late entries .

Results for the SAT F2B Competition held on Sunday 3rd February 2019

Fortunately we had good weather and 2 rounds were flown with 2 Judges, Frank Battam and Bill Swan on duty.

Advanced Results

1st Place Tony Bonello
2nd Place Paul Turner
3rd Place Steve Bakkic

Handicap Results

1st Place Pat Hasler
2nd Place Jeff Van Kampen
3rd Place Tony Bonello

Photo 1; Overall Winner Tony Bonello with his super Firecracker

Photo 2; Second place Paul Turner

Photo 3; Pat Hasler 1st in Handicap

Photo 4; Jeff Van Kampen 2nd in handicap

Photo 5; Don Keysekker with his new Brodak Strega

Photo 6; Dennis Percival makes a welcome return

Report and pictures from Warren Williams



A.C.L.N. ADVERTISING

For the newer readers, we point out that "private" (personal) ads are free to subscribers, and "commercial" ads are \$20 per quarter page, or \$5 for business card size. Commercial Advertisers can receive a free business card size ad for submitting original articles of interest to A.C.L.N. readers.

Copy or artwork for ads should be sent to the editor, cheques to the treasurer (G Wilson P.O. Box 298 Seaford, Vic. 3198) If you want to save a stamp, I can forward on any cheques sent with ads, but please make them payable to "Control Line Advisory Committee"

WANTED

Wanted. Original Moki muffler in good condition to fit a Moki .51.

Contact: Peter White ph. 08 9307 3000

email: peterwhite1942@hotmail.com



"I don't mess with dollies, I just use my kid's skateboard."

For Sale



New, .15 size Novarossi piston & liner set. 16.42 Bore. 3 port.

Cost to me was US \$55.
Make me an offer.

Harry Bailey. Email:- hbbaily@optusnet.com.au

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

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

MVVS Diesel. As New	\$125
Cipolla 1.5 cc glow x 2	\$65.00 each
Viko F2E RTF models X 6	\$100.00 each
F2D RTF lines	\$12.50
F2D engine mounts with bolts	\$28.50 pair
Line reels 153mm Dia	\$10.00
Thunder Tiger 20 glow. NIB	\$50.00
Enya CX11 (6 runs)	\$150.00
F2D black handles	\$28.50
Bladders F2D	\$5.00
Straight engine mounts F2E & 1/2 A	\$25.00
F2D shut-offs. (Alloy)	\$42.00
Fora tool x1	\$25.00
Taipan propellers	\$4.50 each
Combat Streamers	\$1.80 each
2" Taipan Racing Wheels	\$10.00 each

Postage not included in above pricings.

Contact:- Greg Nelson 0435757710.

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 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 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

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 & quantity ordered.

Pure, first pressing Castor Oil:

2.5 litre \$25 +3 kg satchel Auspost price

4.8 litre \$48 +5 kg satchel Auspost price

Premixed Diesel fuel in 500 ml /1 lt steel containers POA

PayPal "gift payments" accepted

Bank EFT deposits accepted.

Cash accepted.

PH Ken 0433 797 058 combtkid@hotmail.com

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.

FMD@dodo.com.au

Danny Mz mob # 0477224751

Master Junior 2.5cc Diesel engines.

\$195

For a Junior engines.

\$230

Fora Junior 1.5cc Diesel engines.

\$189

Taipan propellers in stock.

Flexible nylon (combat)

7x4, 7x6, 7x6E, 8x4,

8x4E, 8x6.

Hard plastic. 7x6, 9x4 & 9x6. 10x4, 10x6

All props.

\$4.50 each.

(New) Taipan Metal Handle/Reel.

\$69.00 each

Limited Stock

Taipan free flight tanks including

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