

Number 175

Produced by the Victorian Control Line Advisory Committee



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Copy Deadline for next issue is: Wednesday May 22nd 2013 PRODUCTION SPECIFICATIONS

Please remember when submitting copy that if you have access to a PC, or suitable typewriter you can save me retyping by giving me your items pre typed, and please use a good black ribbon for best reproduction.

Best of all is to send a CD or use Email

Contest results should be tab delimited, ie 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 2013

DATE **EVENT CLUB** KNOX May 5 CLAG Flying Day May 19 Navy Carrier, Speed, Classic B T/R. **CLAMF** May 27 Stunt Master F2B + Yeomans Novice **KNOX** Jun 2 CLAG Flying Day Jun 15-16 F2C, Classic FAI T/R, F2F T/R or 27 Moe Goodyear, Speed, Classic B, Vintage A, Classic Stunt, Vintage Combat. Albury CLAMF Jun 23 Blown out contest day & KMAC Club Day KNOX Jul 7 All Aussie Day and Vintage Combat **KNOX** Jul-14 Speed, Vintage Stunt, 1/2A Combat **CLAMF** Jul 21 Club Day + AGM Aug 11 Vintage A T/R, Classic B T/R, **KNOX CLAMF** Members Fun Fly Sep 08 Navy Carrier, Speed **CLAMF** Oct 20 Vintage Combat, F2B Stunt **CLAMF** Nov 10 Classic FAI T/R, Burford A T/R **CLAMF CLAMF** Dec 08 Speed, F2F T/R, Nationals Practice Dec 28-Jan 4 Albury 67th Australian Nationals

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

clamf@ozemail.com.au Email :-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/

Stadium Drive, Keilor Park Recreation Reserve, Keilor, (Melways ref 15 C 5). Regular flying days 1st and 3rd Sundays each month 10.30am start.

The KMAC Office bearers for 2012-13 are: President: Peter Koch - Mob: 0413222046 Home 97296812 Email peter.koch@live.com.au Vice President: Ken Taylor Home 97380525 Secretary: Steve Vallve - Mob: 0409935358 Home 94390195 Email steve.vallve@gmail.com Treasurer: Bruce MacKay - Mob: 0418380014 Home 98874928 Email bruce@bpmac.com

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



C.L.A.S. CONTEST CALENDAR 2013

NOTE: Qualifying events for C/L World Championships ***

DATE EVENT CLUB

May 24-26 WA STATE CHAMPIONSHIPS, F2A, F2C and F2D*** **CLAW**

May-26 Phantom, Vintage A and Diesel G/Y

SSME at Luddenham

Jun 8-10 CLAS. NSW C/L STATE CHAMPIONSHIPS. F2B and F2D*** CLAS. (Whalan Reserve)

Jun 22-23 Coffs Harbour "Old Phartz and Friends" Vintage Weekend. Fred Pearson. Ph:6653 2997

Jun 30 AGM and Club Race **KMFC**

Jul-14 F2B Aerobatics Doonside (Whalan Reserve) Jul 20-21 QLD, STATE CHAMPIONSHIPS, F2A and F2C***

MAAQ. At Logan

Aug-04 F2B Aerobatics Aug 3-4 QLD. STATE CHAMPIONSHIPS. F2D***

> Ph: M. McDermott 07 32889263 MAAQ at Ipswich

Aug 10-11 Obadiah Fly-In and Kids' Training.

Contact Ian Smith . Ph: 02 4975 2292 or Alistair Welch 02 6556 5192

Aug-11 Diesel Goodyear, Sabre Racing & 2.5 Diesel Speed.

KMFC

KMFC

Aug-18 Classic Stunt SAT at Milperra

Aug-24 Combined Speed SSME

Aug-25 Phantom, Vintage A and Diesel G/Y SSME

Sep-15 Gordon Burford Day (Details TBA) **KMFC**

Oct-05 Ringmaster Fly-a-thon.

Contact Dennis Percival for details. **KMFC**

Oct 5-7 CLAS.NSW C/L STATE CHAMPIONSHIPS.

F2A and F2C ***

CLAS. NSW. Twin Cities, Albury

Oct-26 Combined Speed. (Contact Ron Blomberry Ph: 9956 5952) SSME

Oct-27 F2B Aerobatics SSME

Nov-03 F2B Aerobatics SAT (Ashford Road, Milperra)

Nov-10 Classic Stunt.

NACA at Hunter Sports HS, Gateshead

Nov 16-17 Old Timers' Event and C/L Fun Fly

Mdmas. (Mitchell Hill, Muswellbrook)

Nov-24 Vintage T/R and Diesel Goodyear. **KMFC** Dec-01 Christmas Party and Fun Fly **KMFC**

Dec-08 F2B Aerobatics Doonside. (Whalan Reserve)

Dec 28-Jan 4 67th MAAA Nationals.

*** Qualifying events for W/Championships.

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.

MDMAS - (Muswellbrook District Model Aero Sports

Inc.) - Mitchell Hill Field, New England Hwy,

Muswellbrook

DOONSIDE- (To be held at Baseball Diamond, Whalan

Reserve)

West Australia 2013 Control Line Calendar

DATE	STATE	EVENT	SITE	
	OR CLUB			
6 Apr	TARMAC	Phantom Flying Day	Lumen Christi	
20 Apr	STATE	F2B Aerobatics	Lumen Christi	
21 Apr	CLAW	CLAW Club day	CLAW	1
4 May	TARMAC	Vintage Combat	Lumen Christi	
18 May	TARMAC	Vintage Stunt	Lumen Christi	
19 May	CLAW	Club day	CLAW	/
24 May	STATE	F2C Team Race		
		& F2A Speed	CLAW	1
25 May	STATE	F2C Team Race		
		& F2A Speed	CLAW	1
26 May	STATE	F2D Combat	CLAW	1
1 Jun	STATE	Vintage A Team Race	٠.	
		F2F Team Race	CLAW	1
2 Jun	STATE	F2F Team Race, Class	sic-B	
		Classic FAI Team Rad	ce CLAW	1
15 Jun	TARMAC	F2B Aerobatics	Lumen Christi	
21 Jul	CLAW	Club day	CLAW	1
18 Aug	CLAW	Club day	CLAW	1
7 Sep	STATE	Vintage Combat	Lumen Christie	Э
14 Sep	TARMAC	TARMAC Day	Lumen Christie	Э
13 Oct	CLAW	Club day	CLAW	1
27 Oct	STATE	Open Combat	CLAW	•
10 Nov	CLAW	Club day	CLAW	1

The contact person for Lumen Christi events is Jim Stivey. The contact person for CLAW events is Trevor Letchford.

Subscribers are reminded that they can receive Australian Control line News by email at no extra cost. This option would allow you to view the pictures in colour as soon as it is ready to be sent to the printers for publication.

If you would like to use this option just make a request to the Editor by email.

2013 EVENTS CALENDAR

(Draft Only 15/1/2013)

Date Event Venue / Host



May 4 F2B Aerobatics AAC / AMA Monarto (on concrete racing circle!)

May 18 Vintage Combat AAC, Unley Rd May 25 F2B Aerobatics AAC, Unley Rd

Jun 8-10 CLAS NSW State CL Champs

Jun 15 Grass Rat Race AAC, Unley Rd (not part of Grass Rat 3 race series)

Jul 13 1/2A Combat AAC, Unley Rd
Aug 10 Classic Stunt AAC, Unley Rd
Aug 17 Whyalla Show Whyalla MAC
(includes Round 2 of Grass Rat 3 race series)
Sept 14 Vintage Stunt AAC, Unley Rd
Oct 12 Grass Rat Race AAC, Unley Rd

(Round 3 of Grass Rat 3 race series)

Nov 16 Peacemaker / FliteStreak Stunt AAC, Unley Rd 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.
- 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'
- 7. For further info contact: Peter Anglberger tel. 8264 4516 or 0448 433 282

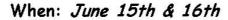
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Any comments, queries or complaints with respect to any article in this publication should be addressed to the author of the article.

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.

Newsletter Editor
Harry Bailey.
37 Thompson Street
Clayton 3168
Victoria
hbbailey@optusnet.com.au

2013 Albury Control Line Aero Competition



Where: Twin Cities Model Aero Club (TCMAC) - Albury



Join us for two full days of C/L flying and festivities...



Stunt







Combat



Speed







Racing

Events Schedule

Saturday 15th June

F2C T/R
F2F T/R or 27 Goodyear
Classic B T/R
Speed
Classic Stunt (grass)

Sunday 16th June

Vintage A T/R
Classic FAI T/R
Speed
Vintage Combat (grass)



Events run in order listed above - start time 9:00am Entry fee \$5.00 per person / per event Food & drinks available



Entertainment Schedule

Friday night 14th June Springdale Heights Tavern (Lavington)

Saturday night 15th June Indian Tandoori Restaurant (Albury)



Sunday night 16th June Kinross Woolshed Hotel (Thurgoona)









Hi Harry,

I'm Dennis PERCIVAL a NSW control line modeller. I and other here near Sydney got to know Ken Dowell very well when he lived here and shared in our model aircraft activities.

We admired him very much, particularly for his knowledge about almost everything and his willingness to share, encourage, assist and mentor those who listened.

I am hoping you can include some of the following in your ACLN publication so that a wider audience can have knowledge of Ken Dowell, his famous Angelique design and his passing on 19 April 2012. There should be two pictures of the model by itself plus one of me holding it so you can appreciate that

I here should be two pictures of the model by itself plus one of me holding it so you can appreciate that it is a large model for a 35 size engine that Ken used. There is a ST 46 in the replica. This replica will not be flown until all signatures are fuel proofed so they will last.

Ken Dowell spent most of his life in Victoria, but lived his final years in NSW.

As you know, he passed away a year ago not quite making 70 years.

He was a model aircraft builder, designer and flyer of some note, both with control line and radio. At the Strathalbyn Nationals in 1963 he came first in control line aerobatics flying his own "Angelique"

We decided to build a replica of his "Angelique" design as a memorial to him.

It is being signed by as many modellers as possible along with their AUS number.

In the photographs you will see stacks of autographs on the model already.

Ken's signature is also on it just below his photograph, it was taken from his endorsement on the plan. His picture was applied using water slide copy paper and proofing with clear fuel proof lacquer.

For those who want to have their signature on the model, just send me a copy of your signature along with your AUS number done in a .8 mm black marker pen or similar. Make the signature and number about 50 to 80 mm long so it will fit in with the others. I will apply it to the model the same way I applied Ken's name and picture.

Send your signature to Dennis PERCIVAL at 4 Rosemount Street SARATOGA NSW 2251.





Hi Harry

I love receiving ACLN each month or so, and I especially like receiving it by email because I can print it in colour and in booklet style. I am particularly interested in the pictures and seeing all the familiar faces from the past.

The Control Line community is one of the best sporting bodies I know. Everyone is extremely friendly, helpful, kind and caring. I hope I can always keep in touch with everyone involved. I have made many friends through Control Line and am eternally grateful to GP for introducing me and including me in such a wonderful hobby. I know he felt the same and even though I have moved on, I will never forget GP and the good times we had together whenever we attended a meeting – right from my initiation at the Waikerie Nats oh, so many years ago.

I just wanted to say keep up the good work – especially in producing such an interesting and varied magazine, enabling me to see how everyone is going and how they are progressing and for giving me that little bit of connection every month. I just love it.

Wendy Campbell

Murphy's Law Origin

The following article was excerpted from The Desert Wings

March 3, 1978. Murphy's Law "If anything can go wrong, it will" was born at Edwards Air Force Base in 1949 at North Base.

It was named after Capt. Edward A. Murphy, an engineer working on Air Force Project MX981, (a project) designed to see how much sudden deceleration a person can stand in a crash.

One day, after finding that a transducer was wired wrong, he cursed the technician responsible and said, "If there is any way to do it wrong, he'll find it."

The contractor's project manager kept a list of "laws" and added this one, which he called Murphy's Law.

Actually, what he did was take an old law that had been around for years in a more basic form and give it a name.

Shortly afterwards, the Air Force doctor (Dr. John

Paul Stapp) who rode a sled on the deceleration track to a stop, pulling 40 Gs, gave a press conference. He said that their good safety record on the project was due to a firm belief in Murphy's Law and in the necessity to try and circumvent it.

Aerospace manufacturers picked it up and used it widely in their ads during the next few months, and soon it was being quoted in many news and magazine articles. Murphy's Law was born.

This brings us to; "101 REASONS WHY WE DIDN'T WIN."

Many people claim that scooting across the line first is what team racing all about.

I disagree. And I reckon so does a bloke called Murphy... Now you know all about him.

It's obvious Murphy believes 'winning isn't everything' as he almost always has a hand in determining who wins and who loses.

Aerobatics, speed and combat also come with their problems. I'm quite sure that most aeromodelers can relate to more that just a few of these constant troubles that are unfortunately an integral part of our hobby/sport.

- 1. the wheel(s) fell off
- 2. the tank had a blockage
- 3. the plug burnt out
- 4. the fuel was wrong
- 5. the needle valve came loose
- 6. the fuel filter was blocked
- 7. the fuel tubing split
- 8. the fuel tubing slipped off
- 9. the back plate came loose
- 10. the battery went flat
- 11. the head bolts came loose
- 12. the tank vents came loose
- 13. the tank seam started leaking
- 14. the battery lead connector broke
- 15. the glow plug was too hot
- 16. the glow plug was too cold
- 17. the tank vibrated loose
- 18. the tank was too far inboard
- 19. the tank just didn't work
- 20. the blockoff fell off
- 21. the filler pipe was blocked
- 22. the muffler came loose
- 23. the silicone tubing had a pinhole
- 24. the propeller wasn't balanced
- 25. the prop got clipped on takeoff
- 26. the prop threw a blade(!)
- 27. the prop pitch was wrong
- 27. the prop pitch was wron
- 28. the tank got half filled
- 29. the prop diameter was wrong
- 30. the tank had a loose blob of solder
- 31. the prop broke while being flicked
- 32. the fuel was old
- 33. the pilot was too old (!)

- 34. the weather was too hot
- 35. the weather was too cold
- 36. the prop nut came loose
- 37. the spinner flew off
- 38. the engine vibrated loose
- 39. the engine cowl came off in flight
- 40. the lines snagged on takeoff
- 41. the lines weren't soldered properly
- 42. the 'up' was connected to the 'down'
- 43. the slight kink was OK for one more flight
- 44. the frayed line ends went unnoticed
- 45. the line broke in flight (!)
- 46. the lines were heavy weight instead of lightweight
- 47. the handle was picked up the wrong way (!)
- 48. the stainless steel lines bound together in the rain
- 49. the lines were too short
- 50. the lines were too I o n g
- 51. the adjustment came loose at the handle
- 52. the controls were out of whack
- 53. the bellcrank had become sloppy
- 54. the control horn came unsoldered
- 55. the lines were binding at the leadouts
- 56. the lines slipped off the connector
- 57. the controls started binding
- 58. the opposition accidentally walked through the lines
- 59. the spare lines were at home on the workbench
- 60. the top was left off the fuel can.
- 61. the spare glow plug couldn't be found
- 62. the only good spare propeller was missing
- 63. the elevator hinges came adrift
- 64. the wing warp wasn't there last time I looked
- 65. the tailplane broke on landing
- 66. the covering sagged
- 67. the covering was peeling off in flight
- 68. the three race models got into a stacked glide
- 69. the tree wasn't that close when I took off
- 70. the plug spanner was lent to somebody...
- 71. the mechanic slept in
- 72. the pilot thought the race was next weekend
- 73. the ground was just a bog
- 74. the grass hadn't been mowed
- 75. the wheels were too small to land properly
- 76. the rabbit holes were a problem
- 77. the hole in the tarmac caught the mono wheel
- 78. the tall pilot stood up as I was landing
- 79. the model was tail heavy and too sensitive
- 80. the model was nose heavy and flew like a brick
- 81. the battery wasn't connected as the mechanic tried to start
- 82. the glowplug connection wire broke
- 83. the needle valve unwound in flight
- 84. the compression screw backed off in flight
- 85. the motor was released over compressed and cooked
- 86. the setting was perfect in practice ten minutes ago

- 87. the needle was knocked during the pit stop
- 88. the mechanic leaned the needle when he shouldn't have
- 89. the mechanic stood there with half a wing in his hand
- 90. the pilot landed the model in the wrong segment
- 91. the motor couldn't be stopped after the warm up
- 92. the shutoff wouldn't shut off in flight
- 93. the shutoff kept shutting off in flight
- 94. the mechanic forget to reset the shutoff
- 95. the motor cut just a few laps from the finish.
- 96. the pilot brought the model in too fast
- 97. the time keepers lost count of the laps
- 98. the stop watches failed to stop
- 99. the mechanic missed the catch
- 100. the handle slipped out of the pilot's hand as the model was caught
- 101. the CD unfairly decided to disqualify us

I can honestly say I can relate to most of these little incidents. Most of these describe the many trials and tribulations of team racing. However, there must be at least another 101 things that go wrong in aerobatics, speed and combat.

Well, at least we now know who's responsible for all this mayhem... **Murphy!!**

John Hallowell.

VH 1984.

Victorian State Championships

Results for Simple Rat Race and Mini Goodyear.

Simple Rat Race

	Heat 1	Heat 2	Final
Hunting/Ellins	107 laps	DNS	215 laps
Ray/Ray	65	104	206
Bailey/Roberts	102	102	185
Wilson/Wilson	96	98	



Mini Goodyear

As there were only three entries, only a final race of 200 laps was flown.

M.Wilson/Ellins	7:17.06
Bailey/Roberts	10:45.54
Hunting/Stein	13:10.44

2013 QLD State Champs

Ipswich

3rd and 4th of AUGUST

ADDRESS: ERNEST STREET Leichhardt, IPSWICH

All COMBAT Weekend

- 1. F2D (WQ)
- 2. Open Combat
- 3. Vintage Combat
- 4. .35 Slow Combat

Sunday

9am Practice

Saturday 9am Practice 9:30am F2D

1:30pm Open Combat

3:00pm Vintage Combat

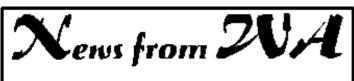
Minimum of 3 entrants required

The curfew for engines running is between 8am and 5pm.

In the process of extending times through Ipswich Council.

Any queries contact Clasi Secretary Trent McDermott on 0421 830032

ENTRY FORMS OUT SOON





Taipan Reproduction Engines

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

Rebores and Repairs to most *Taipan* and all **glochief** engines. **aamotive.com** > repairs

9:30am Finish off Vintage Combat

11:00pm .35 Slow Combat

Email us for a free quotation! aamotive@gmail.com



This news was in an email from Kevin Dodd (Australian delegate to the FAI Aeromodelling Commission) at around midnight on Saturday 20th April saying :-

"Congratulations and the clock is ticking, Australia was unanimously awarded the 2016 Control Line World Championships an hour ago"

The proposal that was submitted to the FAI can be seen at :-

http://controlline.org.uk/files/2016%20Control%20Line%20World%20Championships.pdf

Perth is the State Capital of West Australia

It is a medium sized city that has a blend of old and new. It has all the modern conveniences while retaining a small town feel.

Top quality competition and practice facilities have been developed with the support of the State Government and West Australian Aeromodelling Administration and are all at the same alltitude

The weather is typically calm and the temperatures average between 20 degrees during the day to

Getting around in Perth is very easy compared with most big cities.

It is a perfect venue for a World Championships and will be the first Control Line World Championships

It is easily accessible, and it is possible to fly direct to Perth from most International Airports

The distance to the contest site from Perth International Airport is only 20 minutes by car and the distance to the Perth CBD is 30 minutes

A variety of accomodation depending on taste and budget is available only







T ±81448000331

tletchfo@westnet.com.au





MAAA World FAI Control Line **Championships F2A F2B F2C F2D**

Proposal







Perth Australia







FAI F2 CONTROL LINE WORLD CHAMPIONSHIPS PERTH WESTERN AUSTRALIA 2016

Venue - Whiteman Park

Located in the picturesque Swan Valley, one of Australia's oldest wine growing regions and only a 25 minute drive or 22km from the Perth CDB.

Whiteman Park is a large recreational park which covers over 10,000 acres, it features major bushland and wetland conservation areas as well as a craft village, transport museum, tram & train rides, wildlife park, playgrounds and of course a world class aeromodelling facility.



















The 2016 FAI World Championships for Control Line Model Aircraft (Juniors and Seniors) will be organised by the Model Aircraft Association of Australia (MAAA) and Aeromdellers West Australia (AWA) with assistance from all State Associations.

Jury and Official Language

The Jury will be nominated according the FAI Code and the official language will be English.

Dates

Timing is best for mid June to mid July as it is the best in terms of good weather.

In accordance with guidelines.

nior competitors - Five Euros

Competition Rules

The World Championship will be run according to: - FAI Sporting Code Section 4.

Aeromodelling, Volume ABR 2015 Edition - FAI Sporting Code Section 4.

Aeromodelling Volume F2 Control Line model aircraft, 2015 Edition - FAI Code of Ethics.



World Cup Event

An official World Cup Event will be held on site prior to the World Championship





Sporting Licences FAI valid sporting licences are mandatory for each Competitor, Team Manager, Assistant Team



F2D

F2B

F2C

Facilities

Grass area located in main arena.

Concrete circle, established 2013. Covered pit area adjacent to circle

Two Bitumen circles in main arena.

Covered pit area adjacent to circle

Concrete circle, established 2004. Safety fence, Height Marker, Jury Tower,

Practice Facilities

F2C at nearby carpark, F2B and F2D at nearby sporting centres.

Hot food, salads and ice cold drinks will be available

PA system equiped with with video and loud-speakers Covered pit area adjacent to circle.

2013 MAAQ Control Line State Champs

(Inc 2014 WC Team Selections)

1st -2nd June (MAC Maryborough)

-F2B (2014 Wc selection)

Vintage Aerobatics, Classic Aerobatics

CL Fun Fly (to be advised)

F2F team race, Combined Speed

2.5 Slow combat ,Goodyear team race

Contact :- Kerry Ewart (Cl admin) - 0428 647 658

20th -21st July (Larcs-Logan)

F2C (2014 Wc selection)

F2A (2014 Wc selection)

"Z" Class".(Grass), "Stand Off Scale"

Contact :- Brian Hucker Ph 5547 5342

3rd-4th August (Clasi-Ipswich)

F2D (WQ)

Open Combat, Vintage Combat, .35 Slow Combat

Contact :-Trent McDermott on 0421 830032

17th,18th August (Clasi-Ipswich)

Vintage A, Classic B, Slow Goodyear, 2.5 Simple Rat and Fast Bendix

Contact :-Trent McDermott on 0421 830032

The STRENGTH WITHIN

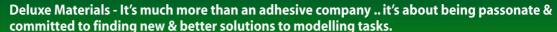




- Penetrates much further than other glues.
- Low odour, water clean up.
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- Dry assemble 2 wings on the plan, pin them down & run Super' Phatic! around all the joints. Sandable when dry.
- Super'Phatic! wicks as well and is flexible when dry, thus aiding the
- performance of this plastic hinge.







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Castor Oil. First pressing/degummed. \$45 for 5 litres including container.

Postage based on 6 kg package sent using regular mail to your postcode from 3018

Contact:-combtkid@hotmail.com

Bank deposit (EFT), Australia Post money orders, Cash & PayPal (+3..5% fee) payments accepted.

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.

I also have competition grade balsa for sale, if you are interested, I can email a price list to you.

email: aheath14@australia.edu

Burford Elfin 2.49, new. \$285 ref MD P163 Burford GB 250 replica, new. \$285 ref MD P164 Owen/Burford GB 5 series II, new in box \$550 ref MD P167

m.v.v.s 2.5 DFS/R Diesel, new in box. \$135

Saito 60 G60F spark ign AAC/2 Cycle, complete has broken

points spring. New \$175 Schlosser .25 F/F. Nib \$300 Schlosser .5 F/F. Nib \$300

Profi .21 cnc case AAC, new complete with both FAI and

Nitro head buttons and mini pipe. \$300 Owen/Mate engine kit complete with instructions \$125

Aeroflyte kits email for list and price Aero mod Annual email for list and price Email for details and postage, post only with in Australia

Wayne Wilson: whyzedman@hotmail.com

Vintage PAW 19 plain bearing.

Good runner.

Harry Bailey (03) 9543 2259

hbbailey@optusnet.com.au



\$50

ANDREW'S PANS.

All the Fora Jnrs from the last batch are now sold. If I get more enquires I will order another batch soon. I still have 2 spare P/L.

In stock now 21 size speed pans, T/R pans and a few 2cc pans. All \$25 in the as cast state.

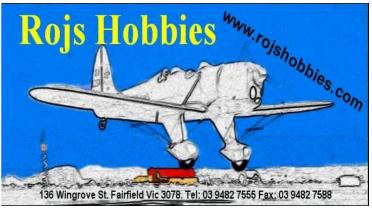
I am still doing some machining work. Examples of work will be prop nuts and shaft ext, carbies for most engines, and Vintage T/R type tank and bottle valves.

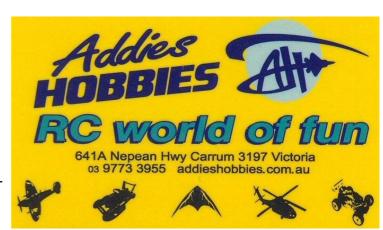
Available now the following full size plans: Turtle, Sapavolov, Timepiece, Picus, Dimple Dumpling, Past, Arrow.

Andrew Nugent.

andrew.n5@bigpond.com

PH (03) 9551 1884.





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