



THE VOICE OF CONTROL LINE AEROMODELLERS FROM AROUND AUSTRALIA

Number 240

Produced by the Victorian Control Line Advisory Committee



April 2019

INSIDE THIS ISSUE

Contest Calendars.

Notices.

The ELEKS Laser Engraver.

South Australian State Championships.

Hunter Valley Championships.

Around the Clubs.

New Models.

For Sale and Wanted.

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.



COMING EVENTS



VICTORIAN CONTROL LINE CONTEST CALENDAR 2018/19

DATE	EVENT	CLUB
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:- Steve Vallve 04099 35358

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
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 Road, Milperra.

SSME - (Sydney Society of Model Engineers) - Model Park, Luddenham Road, Luddenham.

DOONSIDE- Baseball diamond, Whalan Reserve.

*** = World Championships team qualifying round.

Send your articles for publication to Newsletter Editor

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3 Bailey Place
Pakenham 3810
Victoria
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hbbaily@optusnet.com.au



News from ZVA

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

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 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

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The F2A pylon speed clock from S.A. State Champs.

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MASA Control Line State Championships

All events at Adelaide Model Aerosport, Monarto

Hosted by Adelaide Aeromodellers Club and Adelaide Model Aerosport

9th – 11th March 2019

The first of this years qualifying rounds for the Australian team for the 2020 World Championships was hosted at the Monarto field close by to Murray Bridge. Other than the F2 events there was plenty of action in the various aspects of C/L competition, the weather was good excepting when the wind increased in the afternoons but other than the problems it caused the aerobatics fraternity and some of the Vintage Combat bouts it was a pleasant weekend.

The concrete circle events were run concurrently with the aerobatics flown over the grass at the top of the field. Action started early on Saturday morning.

The numbers in F2A speed have been swelled by some newer competitors and the eight entrants kept things moving along over the two day's of competition.

F2A Speed Results

Pl.	Entrant	Rd 1	Rd 2	Rd 3	Rd 4
1.	Murray Wilson	12.81	<u>12.59</u>	N.T.	Att. 13.05
2.	Robert Fitzgerald	<u>12.66</u>	Att. N.T.	N.T.	Att. N.T.
3.	Richard Bellis	12.83	<u>12.73</u>	13.84	N.T.
4.	John Walker	<u>13.08</u>	13.32	Att.13.12	N.T.
5.	Ian Thompson	13.14	<u>13.08</u>	13.32	Att. 13.24
6.	Bruce Bellis	<u>13.18</u>	Att. N.T.	N.T.	Att. N.T.
7.	Mark Ellins	N.T.	N.T.	13.64	<u>13.62</u>
8.	Harry Bailey	N.T.	N.T.	<u>14.15</u>	N.T.



F2C only had an entry from three teams. Trevor Letchford and Mark Sherburn had made the trip over from Perth. All models complied with the new FAI noise reduction exhaust deflector rules and were fitted with devices manufactured by Robert Fitzgerald. Speeds were marginally down on last years results but the models did not have any operating difficulties. Wilson/Poschkens had the misfortune to have a down line snagged in round 4 and the resultant smash into the concrete completely destroyed their model and engine. They did not fly in the final race. It's only the heat times that are used for team qualification purposes.

F2C Team Race Results

Place	Team	Round 1	Round 2	Round 3	Round 4	Final
1.	Fitzgerald /Ellins	3:10.58	3:12.34	40 DNF	3:16.66	6:22.35
2.	Letchford/Sherburn	3:31.32	63 DNF	3:30.06	3:32.11	129 DNF
3.	Wilson/Poschkens	35 DNF	3:19.06	3:18.36	33 DNF	

John Walker managed to set the earth trembling with his Open Jet model but failed to record a time in the competition. Maris Dislers took the first place with his Fora powered 1/2 A Proto model.

Combined Speed Results

Pl.	Entrant	Class	Rd 1	Rd 2	Rd 3	Best KPH	% record
1.	M Dislers	SA 1/2A Proto	25.76	25.96		139.75	98.9
2.	I. Thompson	Sport Jet	12.69			228.35	90.3
3.	H. Bailey	Proto	32.56	32.61	33.06	177.93	87.5
4.	K. Hunting	SA 1/2A Proto	30.36	30.07		119.72	84.7
5.	H. Bailey	Class 1	21.16			170.13	73.5
6.	A. Morris	SA 1/2A Proto	36.02			99.94	70.7



Ken Hunting prepares to have a flight of his Midge.

7.	K. Hunting	Midge	NT
8.	J. Walker	Open Jet	NT

F2B Expert

Pl.	Entrant	Rd.1	Rd. 2	Rd.3	Rd.4	Final Score
Average of sum of best 3						
1.	Joe Parisi	1012	1038	1074	DNF	1041.33
2.	Russell Bond	974	966.5	994	DNF	978.17
3.	Mark Ellins	919.5	928.0	905.5	DNF	917.67
4.	Peter Anglberger	780	946.5	870.5	DNF	865.33
5.	Jeff Prosser	787	856	822	824	834
6.	Peter Koch			DNF	DNF	-

F2B Advanced

Pl.	Entrant	Rd.1	Rd. 2	Rd.3	Final Score
Average of sum of best 3					
1.	Greg Roadknight	678	672.5	697	682.5
2.	Jeff Fry	126	769	768..5	554.5
3.	Peter Koch	436	459	DNF	298.33
1st	Mick Laundry (Novice)	131	176.5	245	184.17

Classic Stunt

Pl.	Entrant	Rd 1
1.	Peter Koch	455
2.	Jeff Prosser	359.5
3.	Peter Anglberger	302.5
4.	Jeff Fry	273

Vintage Stunt

Pl.	Entrant	Static Score	Rd 1	Final Score
(Best Flight + Static)				
1.	Maris Dislers	94	15.3	247
2.	Greg Nelson	81	-	81
3.	Peter Anglberger	64	-	64
4.	Mick Laundry	51	-	51
5.	Jeff Fry	50	-	50

Some excellent bouts of combat created some different entertainment for the Aerobatics competitors that stayed to watch the action after completing their contest for the day. Two rounds were flown on Saturday afternoon and the remaining rounds on Sunday. The stand out bout was between Murray Wilson and Bruce Bellis in round three. Fantastic close flying and with Murray leading by three cuts to Bruce's two cuts, the inevitable mid air happened and the assembled crowd broke out into rapturous applause. Score was 444 points for Murray and 328 points for Bruce. The pair met again to decide the winner in the final bout and Murray grabbed the first place.

F2D Combat Results

Pl.	Entrant	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5
1.	Murray Wilson	W	W	W	Bye	W
2.	Bruce Bellis	W	W	L	W	L
3.	Leon Baird	L	W	W	L	
4.	Richard Bellis	W	L	L		
5.	Greg Nelson	L	L			
6.	Mark Poschkens	L	L			



Joe Parisi.



Bruce Bellis, Murray Wilson, Leon Baird

Paul Cameron and Robert Fitzgerald combined to make a formidable team effort and guide their R250 powered Classic FAI team race model to another first place. Hunting/Bailey had to do a model change after the wheel fell out of the “Klotznorutski” during the heat warm up period. The Fora powered model was not consistent on range and they had to do two extra pit stops in the final. Wilson/Baker suffered a broken propeller in their final pit stop.

Classic FAI Team Race Results.

Pl.	Team	Round 1	Round 2	Final	Engine
1.	Cameron/Fitzgerald	4:24	DNS	9:00.9	R250
2.	Hunting/Bailey	5:18	4:36.4	9:59.1	Fora
3.	Wilson/Baker	4:44.5	4:29	179 DNF	Nelson
4.	B. Bellis /Thompson	5:01.2	4:56.3		Nelson
5.	Morris/Nelson	47 DNF	90 DNF		Fora

Vintage combat got under way with some gusty strong winds blowing. In the first bout between Leon Baird and Ian Thompson both models were launched downwind but had crashed into the ground before completing half a lap. The day was not one of those to fly a model if your engine was not on full song. In the final bout between Thommo and Murray, the score was one cut each and Ian’s model only had half an outboard wing in place but Ian somehow managed to wallow through Murray’s streamer to finish the bout with two cuts to one but with airtime taken into consideration Murray had 300 points to Ian’s 215

Vintage Combat

Pl.	Entrant	Rd 1	Repechage	Rd 2	Rd 3
1.	Murray Wilson	W	-	W	W
2.	Ian Thompson	L	W	W	L
=3.	Greg Nelson	W	L		
=3.	Leon Baird	L	W	L	
5.	Harry Bailey	Bye	L	L	



Nobby/Muzza, Fitzy/Paul Harry/Keno



Diesel 27 Goodyear Team Race

Pl.	Team	Rd 1	Rd 2	Final
1.	Ellins/Wilson	5:01	-	10:10.5
2.	Morris/Pearson	34 DNF	6:27.6	12:48.0
3.	Nelson/Walker	87 DNF	6:22.8	12:56.6
4.	Bailey/Hunting	35 DNF	7:08.3	

Left:- Fred Pearson receives some tuning advice.

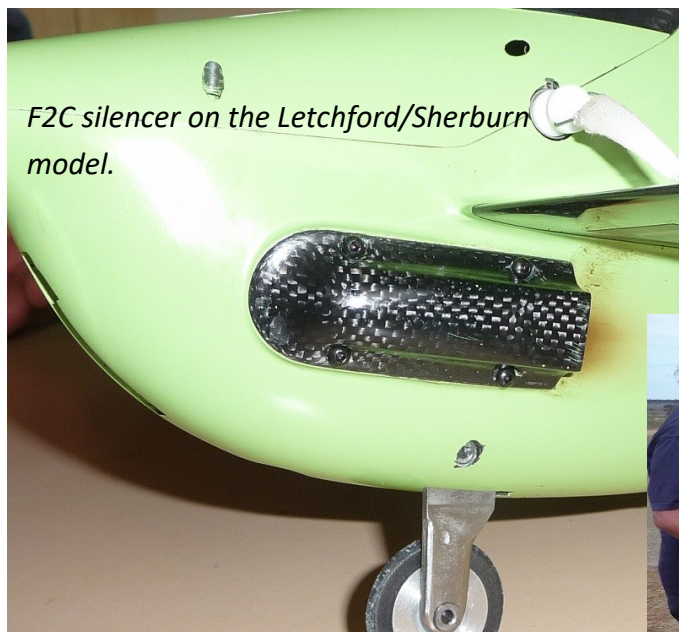


Yet another great result for Ellins/Wilson in 27 Goodyear.



Goodyear Team Race Results.

Pl.	Team	Rd 1	Final
1.	Leknys/Baker	24 DNF	7:30.74
2.	Fitzgerald/Poschkens	3:37.29	8:14.66
3.	Bailey/Hunting	DNF	115 DNF
4.	Wilson/Ellins	DNS (Tank valve failed)	



F2C silencer on the Letchford/Sherburn model.



Bruce Bellis in F2A action.



*Reports by the Editor
Pictures from Neil Baker and the Editor.*

Results for KMFC F2B Competition held at St. Ives Showground on Sunday 24th March

As always the weather is our enemy, BUT on this rare occasion; NO WIND : NO RAIN just a hot sunny day, (whose complaining) and an excellent attendance.



1st in Expert / 2nd with Handicap Murray Howell Model "Yatsenko Shark"



1st in Handicap Richard Field Model "Yatsenko Shark"



3rd in Handicap Mark Batty Model "Yatsenko Shark"

A Conspiracy. The 3 Sharks out of water, L/R Richard, Murray, and Mark.



The Pit Area.

Steve Bakac (Bucky) with his "Bitza" model, underside tells the story?



Reg. Towell with his ever faithful "Mustang" a great flying model.



Mat Spencer with another new large model / "Folkerts Jupiter" powered by 76 Stalker.



Left:- Very nice "Coy Lady" with Brodak 40 power Ex Dennis Percival, Ex Murray Howell. Refurbished, Now with Dave Simonds

Report and pictures from Warren Williams.

Hunter Valley Championships

Muswellbrook District Model Aero Sports Club.

Report from Michael Owen

A great club with great facilities and even greater people.

I personally rate the Hunter Valley Champs as the best 'camp on field' event on the calendar.

Racing Season has started at the Hunter Valley Championships!

Thanks to the Muswellbrook District Model Aero Sports Club for hosting



this unique and fantastic Championships.

Today kicked off with 27 Diesel Goodyear. Backing up from winning last year, (thanks Richard), Rob and I took the Gold! Next came Vintage Combat... Silver...and followed by 1/2 A Combat... Gold! Great Combat flying Rob.

Tomorrow starts with Racing... Simple Rat. Then on to Slow Combat, followed by Speed and Aerobatics. RC and Free Flight too!

There was plenty of sun, (I'm burnt to a crisp), but the afternoon was very windy.

Looking forward to the next 2 months of competition. Queensland in 3 weeks, then Victoria and the Nats at West Wyalong

Day 2

First up was Simple Rat

Rob and I entered with a new model and new motor so we did not want to push too far.

Even so,... on paper, we should have won, but had to settle for second place after another model picked up our lines on take off and chewed them up behind the prop washer... costing us about a minute.

That was not the only problem we had, so I am not really blaming that, although, perhaps the race should have been stopped, and our lines tested before a restart.

So we had to settle for Silver. That makes a grand total of 5 medals in 5 events for Rob and I. 3 Gold and 2 silver. Not bad at all. The Free Flight 'Dusk' Scramble was canned at the end of Day 1 due to wind, so the boys got up early today to have a 'Dawn' Scramble.



Slow Combat... Robert Owen... Gold !!!

Thanks as always Rob for some GREAT flying, making my job pitting easy.

Slow Combat Format:

2.5 cc plain bearing sport motor on suction
Separate tail
Profile fuselage
Model must rise off ground i.e. under-carriage
Only 1 model per bout

It is a fun event, designed to encourage beginners, so massive engine mods and heaps of nitro would be unsporting. Great fun!



Stunt flyers.

The ELEKS laser engraver.

On the web I discovered an article describing how this laser engraver was capable of cutting balsa.

I found said laser on Banggood website. The asking price was AU\$320 including postage. I wasn't sure I wanted to part with \$320 so I decided to wait. As you know these websites are good at picking up your interests in particular articles for sale.

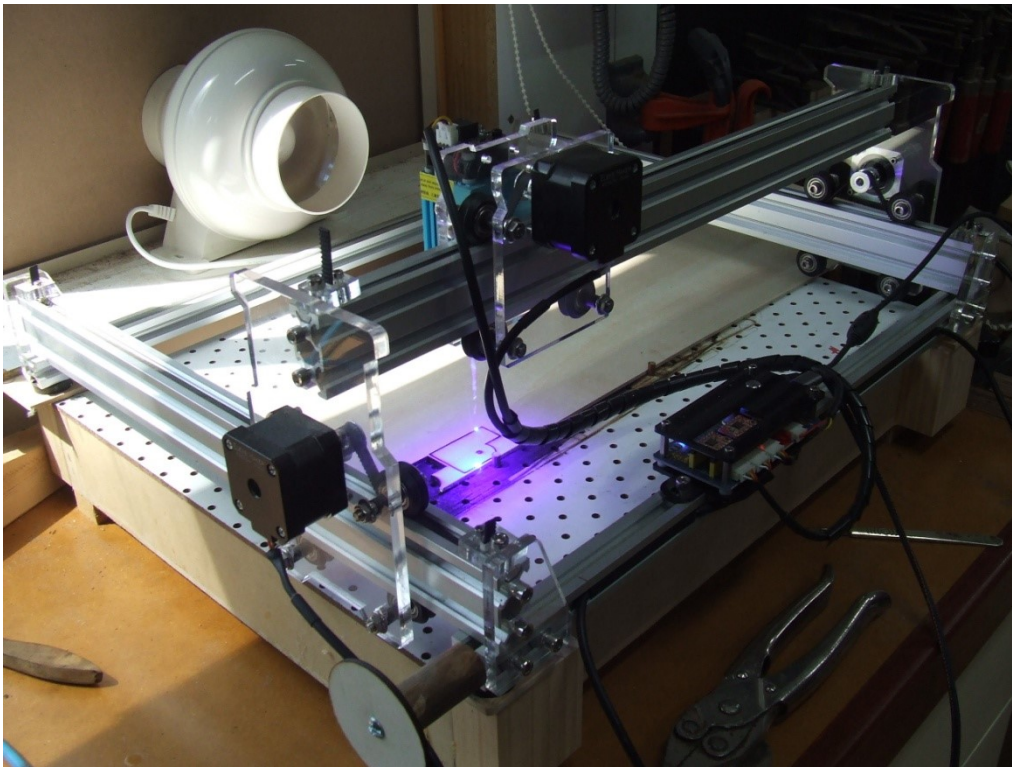
The price dropped to \$275 so the purchase was made. I was most surprised with the quality of the material and the way it went together. As you guessed, there were no instructions with the package. However there was a detailed picture showed how it went together. Also, there is basic software to operate the engraver and you can download it free of charge.

Naturally enough, I had to try it out as soon as it was together. That's when I discovered you need a few more items.

A set of safety glasses comes with the machine. I advise you to buy at least one pair extra for keen aero-modeling visitors. The laser has a strong blue light similar to a welder's flash and your eyes will ache if you don't use the glasses.

The other thing I discovered is the fumes from the laser are quite irritating and no doubt dangerous. My attempt to solve this problem by putting a box fan in the window near the machine was a bit of a failure as the wind blew the fumes back inside the workshop. A new method was required, so I constructed a box with pegboard on top and attached a vacuum cleaner as shown in the picture below. This proved great for holding down the balsa but the fumes could only go as far as the vacuum cleaner. Something else had to be done. I checked eBay as you do and found a small extractor fan for \$40. This was fitted to a panel the size of my sliding window. Problem solved. The fumes were extracted to the outside of the workshop.

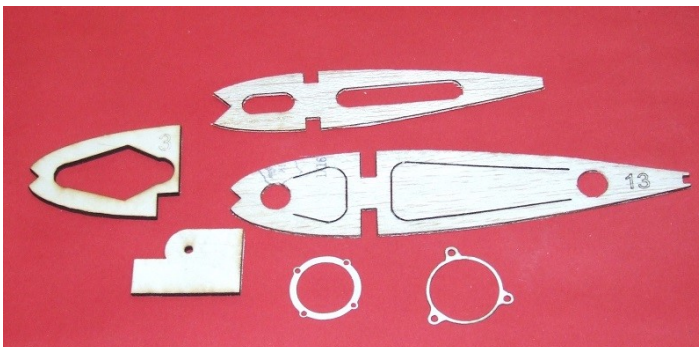
The pegboard and vacuum box is still useful as I can use wooden pegs to align the balsa sheet and the vacuum holds down things like tissue paper for cutting out numbers and letters.

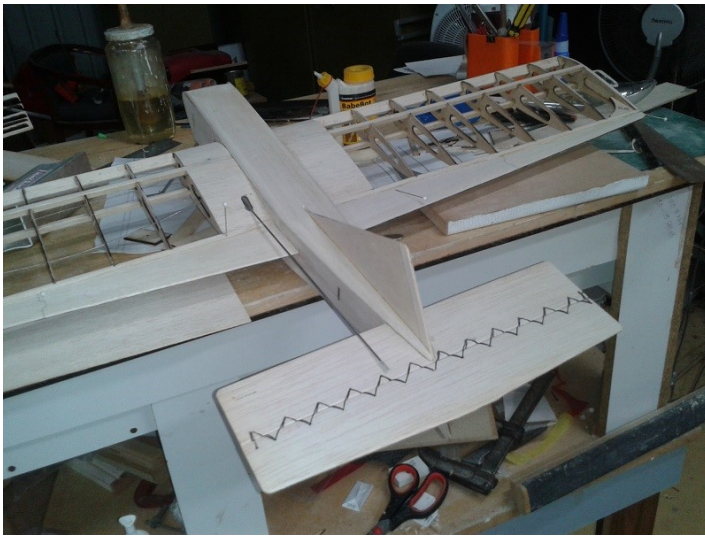


Overall, the results I am getting with this laser are truly great! I must point out that this machine is not a commercial proposition. The time taken to cut out an F2B rib 250 mm is two minutes 20 seconds.

You may ask what else it can do. Besides balsa, I have cut paper gaskets for motors, both tissue and vinyl numbers and lettering, as well as paper masks for spray-painting.

It even drilled the holes for the stitching on the elevator!





The laser is only 2.5 watt and will not cut dense or reflective materials.

The only plywood I have cut successfully is 3mm light ply. This is a very slow process. Other ply woods appear to be too dense to use. However you can mark an outline for your scroll saw.

What's the catch? You have to learn at least two software programs.

1. A CAD program capable of producing DXF files.
2. A program for running the laser which will create tool paths.

I use auto sketch for the 2-D drawings and Ben cut laser to run the machine.

There is an article in the current Aeromodeller magazine (March 2019) on CAD drawings.

There was also an article on this machine in Aeromodeller magazine (April 2018) which is worth a read.

An article on 2-D drawing would be beyond my ability and space in this magazine. However, I can give you a couple of tips.

- Use poly lines where possible and
- Make sure you delete any lines that are hidden on layers because they appear as extra lines in the CAD drawing.

The Ben cut laser program is designed for this machine. You can download it and try it for 65 start ups after which he asked you to buy it. The current price is \$US50. You do not have to buy a laser because it has a virtual laser in the program. This is great for trying out your machine code before wasting balsa.

There are a couple of bugs I have found in Ben cut laser. One is where the laser does not switch off before going to the next cut.

This can be fixed in the machine code by adding the command "**M05 S0**" which turns the laser off. This is not hard to do as the machine code is well labeled. The other problem I have found is the cutting of circles. Although the cutting tool is set to full power it was reduced to 30% (don't know why) in the machine code. Again I fixed this by changing the machine code to M03 S255 which then gives full power.

Websites that may be of help:

Ben cut laser. <https://www.youtube.com/watch?v=qBKRax6L7sM>

Ben cut laser program. <http://benboxlaser.us/index.php/board,25.0.html>

Eeleks laser. https://www.banggood.com/2500mW-A3-30x40cm-Desktop-DIY-Violet-Laser-Engraver-Picture-CNC-Printer-Assembling-Kits-p-1003863.html?akmClientCountry=AU&rmmds=search&cur_warehouse=CN

Winfoil <http://www.winfoil.com/>

Article provided by Jim Stivey.

HEARN'S TROPHY AND YEOMAN EVENTS

2019



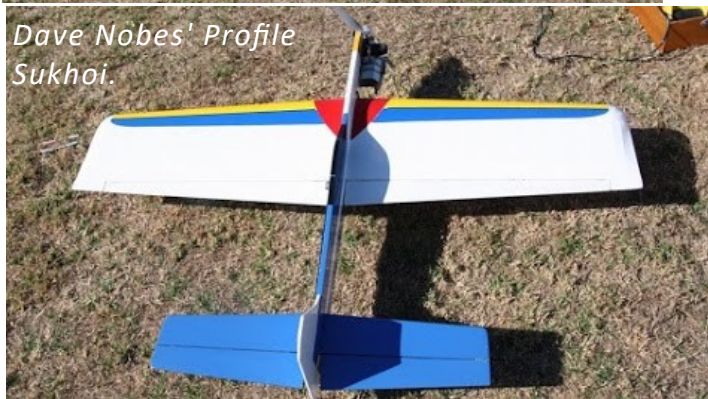
The program was altered a little this year to accommodate the different skill levels of entrants. For simplicity the basis



Mark Ellins' Yatsenko Classic.

for the two events was the F2B pattern. Hearn's Trophy entrants were required to attempt the full pattern with the final score being the total of two flights. Yeoman entrants were not judged on the following elements of the pattern; outside square loops, inside triangles, horizontal square eight, hour-glass, and the cloverleaf with the final score being the best of two flights.

THE LINE UP FOR THE HEARN'S TROPHY INCLUDED:



Dave Nobes' Profile Sukhoi.



Derek Pickard with a Grinham Dazzler.



A second model of Derek's - just in case!! a Grinham Starcraft.



Murray Wilson with his Brodak ARF SV11. Perhaps he is saving his Yatsenko for another day

Well the results were interesting

F2B Aerobatics			EVENT SCORES				Total of 2 Flights			
Place	Contestant	EVENT SCORE	NOT USED	Round #1	Round #2	NOT USED	NOT USED	NOT USED	NOT USED	Final SCORE
1st	Mark Ellins	2087.50	0.00	1061.75	1025.75	0.00	0.00	0.00	0.00	2087.50
2nd	David Nobes	1440.10	0.00	1440.10	0.00	0.00	0.00	0.00	0.00	1440.10
3rd	Derek Pickard	1345.00	0.00	669.50	675.50	0.00	0.00	0.00	0.00	1345.00
4th	Murray Wilson	880.00	0.00	880.00	0.00	0.00	0.00	0.00	0.00	880.00



You can plainly see that Dave Nobes' round 1 score was a street above his closest competitor. Had it not been with some engine issues in the second round he may not have waved off the flight for a no score even though he went on to complete the pattern. This is not to take it away from Mark who put in a solid performance over both rounds. But it does go to show that a well setup puke profile in the right hands can hold it's own against far more elaborate machines. Had Murray arrived in time to compete in both rounds it is likely he would have grabbed second place barring any engine difficulties. Congratulations Mark to join the company of many fine stunt flyers names on the trophy over the years.

YOEMAN TROPHY



and the starters were:



Davy brought along a pretty "Dolphin"



Mr Goodge chose to fly his "Shark 45"

Bruce brought three models.

- A Tutor 2 - electric
 - A Ringmaster S1
 - An All American Phd
- the Phd was his model he chose to compete with



Congratulations Jhono

F2B Aerobatics			EVENT SCORES				Best of 2 Flights			
Place	Contestant	EVENT SCORE	NOT USED	Round #1	Round #2	NOT USED	NOT USED	NOT USED	NOT USED	Final SCORE
1st	John Goodge	863.00	0.00	414.20	863.00	0.00	0.00	0.00	0.00	863.00
2nd	Bruce MacKay	799.00	0.00	799.00	42.00	0.00	0.00	0.00	0.00	799.00
3rd	Dave Lacy	575.50	0.00	0.00	575.50	0.00	0.00	0.00	0.00	575.50
4th										

NEW MODELS

New model completion by Jim Sherlock, Cowaramup WA.

Built from plan downloaded from Outer-zone. Spray painted with epoxy enamel, decals from Wights Model Aircraft. Cheers Supercool



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

WANTED. Aerobatics kit, legal for Classic stunt.

Contact. Andrew Nugent. andrew.n5@bigpond.com

For Sale

For Sale.

New 1/2 A "Paw Print" Team Racer. Unflown.

Built by Ray Harvey to suit Oliver Tiger Cub

Model is immaculate as all Ray's models are.

Motor not included \$500.
Can deliver at the Nat's



Contact Roy Summersby

roydi132@optusnet.com.au Mob 0413588720

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

a free propeller of choice.

\$17.50

Combat Handles.F2D,F2E, Vintage Combat.

\$28.50

Lines RTF

\$12.50

taipanprop@gmail.com

Contact:- Greg Nelson 0435757710.

MACCA'S MACHINING & MILLING SERVICES

Tank Valves

Filler Bottle Valves

Shaft Extensions

Engine Plates

Venturis and threaded inserts and general machining.

Phone 07 3288 9263

Mobile 0402 295 370

ARALDITE ADHESIVES IN BULK PACKS

24-hour Araldite in 1kg industrial pack - \$70 (includes delivery in Australia)

Fast-set Araldite in 1kg industrial pack - \$70 (includes delivery in Australia)

Contact: Tony Caselli 0419006571,

heathton@bigpond.net.au



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

AUSTRALIAN CONTROL LINE NEWS

If undeliverable return to:-

M. Wilson

P.O Box 298

Seaford 3198

Vic

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MAIL

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