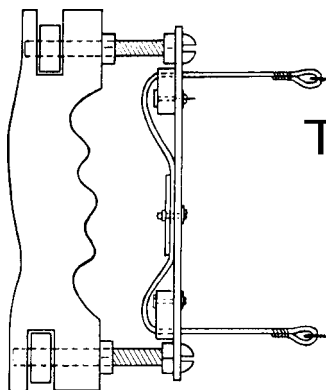


\$2.00



THE VOICE OF CONTROL LINE
AEROMODELLERS FROM
AROUND AUSTRALIA

Number 121



Produced by the Victorian Control Line Advisory Committee

May 2008
INSIDE THIS ISSUE

Contest Calendars.
F2B Report from Vic State Champs.
2006 Fora F2D Engine Test
S.A. State Champs Results and Report.
62nd MAAA Nationals Bulletin
Contest Results
Notices
For Sale
Wanted

**Copy Deadline for next issue is:
Wednesday May 21st 2008
PRODUCTION SPECIFICATIONS**

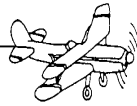
Please remember when submitting copy that if you have access to a PC, or suitable typewriter you can save me retyping by giving me your items pre typed, and please use a good black ribbon for best reproduction.
Best of all is to send it on a 3.5" disk as a Windows Write, Word for Windows, or as an ASCII TEXT FILE 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.

Email address:- hbailey@optusnet.com.au



COMING EVENTS



VICTORIAN CONTROL LINE CONTEST CALENDAR

May-04	Vintage Combat (Hosted by Brimbank) "All Aussie" (Hosted by CLAG)	KMAC
May-18	Classic B, Vintage A, Navy Carrier	CLAMF
May-25	Hearns Trophy F2B Stunt Competition	KMAC
Jun-1	Vic State Champs (Local Rules Events) 1/2 A Team Race , Simple Rat Race, Mini G/Y , Midge Speed	CLAMF
Jun-15	Speed , FAI & Mod Combat, 1/2A Combat	CLAMF
Jun-22	2007 Stuntmasters Trophy F2B (Rescheduled) + Novice Stunt	KMAC
Jul-13	Speed , Balloon Burst, Limbo, 2.5cc Rat Race	CLAMF
Jul-27	Yeoman Trophy F2B Stunt Competition	KMAC
Aug-10	Speed , Classic Stunt, Simple Rat, Simple Goodyear	CLAMF
Aug-24	Fun-Fly & (up to) 2.5cc Day	KMAC
Sep-14	Speed , Vintage Combat, Navy Carrier	CLAMF
Sep-28	Stuntmasters F2B Stunt Competition	KMAC
Oct-12	Classic B, Vintage A, 1/2A Combat	CLAMF
Oct-26	Fun-Fly & Diesel Day	KMAC
Nov-09	Speed , Simple Rat, Aussie A, Triathlon	CLAMF
Nov-23	Monty Tyrrell Classic Stunt Competition	KMAC
Dec-14	Speed , F2C Team Race , Goodyear , Mini Goodyear	CLAMF

Events will be flown in order of printing.
Events in **Bold type** will be flown over hard surface.

CLAMF Frankston Flying Field, Wells Rd, Seaford
(Melway 97J10), 10.00am start

Contact :- G. Wilson (03) 9786 8153,

Email :- CLAMF@ozemail.com.au

Web site :- <http://clamf.aerosports.net.au/>

KMAC Stud Rd. Knoxfield (opposite Caribbean Gardens)
(Melway 72 K9) 10.00am start

Contact :- Peter O'Keeffe (03) 9753 3442

Email :- kmac@aanet.com.au

CLAG Contact :- Graham Keene

Email :- gkeene@wideband.net.au

Details of venues can be found on web site

www.clagonline.org.au

Brimbank Falcons Stadium Drive, Keilor Park Recreation
Reserve, Keilor. (Melways ref 15 C 5). Regular flying day
3rd Sunday of each month 10.30am.

Contact Ken Maier 03 9398 8244

Email :- combtokid@hotmail.com



COMING EVENTS



C.L.A.S. (NEW SOUTH WALES) CONTEST CALENDAR 2008

DATE	EVENT	CLUB
May 17-18	VETERANS' GATHERING. Contact Luke Anderson 0409409367 MDMAS. (Mitchell Hill Fields Muswellbrook)	
May 17-18	NO FLYING AT KURING-GAI. ST.Ives Show	
Sun May 25	F2B Aerobatics	SSME
Sun Jun 1	Palmer / Aldrich Classic Stunt and CLUB STUNT (Novice)	KMFC
Jun 7-9	CLAS. NSW C/L STATE CHAMPIONSHIPS Kelso Park & Luddenham	
Sun Jun 22	Diesel Goodyear & Sabre Trainer Racing	KMFC
Sun Jun 29	SKYHAWKS REUNION To be held at	SSME
Sun Jul 6	AGM, 2.5 Stunt and Club Racing.	KMFC
Sun Jul 13	1.6 and Slow Combat	KMFC
Sat Aug 2	CLUB STUNT (Novice)	KMFC
Sun Aug 10	F2B Aerobatics and Novice F2B.	KMFC
Sun Aug 17	Diesel Goodyear & Sabre Trainer Racing.	KMFC
Sun Aug 31	Slow Combat (Bonus points for WW2 Style model).	SSME
Sun Sep 14	Classic and Vintage Stunt	KMFC
Sun Sep 21	Club Racing, Slow Combat and Swap Meet	KMFC
Sun Sep 28	F2B Aerobatics	SSME
Sun Oct 12	Gordon Burford Day. Details TBA	KMFC
Sun Oct 19	Club Racing and Diesel Goodyear.	KMFC
Sun Oct 26	Phantom, Vintage A, Bendix T/R, Vintage 1/2A	SSME
Sat Nov 1	Club Stunt (Novice)	KMFC
Sun Nov 2	F2B Aerobatics	SAT (Kelso Park)
Sun Nov 16	Vintage T/R, 1/2 A, A and B.	KMFC
Sun Nov 23	1.6 and Slow Combat.	KMFC
Sun Nov 23	Classic Stunt & Cardinal Stunt. (I.Smith Ph:024975 2292) NACA (Gateshead H.S.)	
Sun Dec 7	F2B Aerobatics	Doonside. Venue TBA
Sun Dec 14	Christmas Party and Fun Fly. (KMFC 50th Anniversary.)	KMFC
Jan.2009	CLAS. (Details to be advised)	
	CLAS. CITY OF SYDNEY CHAMPIONSHIPS	
KMFC -	(Ku-ring-gai Model Flying Club) - St. Ives Showground, Mona Vale Rd, St. Ives.	
NACA -	(Northern Area Contest Aeromodellers) - Gateshead H.S., Pacific Hwy, Gateshead.	
REMAC -	(Ryde Epping Model Aero Club) -	
SAT -	(Sydney Aeromodelling Team) - Kelso Park North, Henry Lawson Dr. Panania.	
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 -	Details of venue TBA.	

TARMAC and CLAW 2008 Contest Calendar

Date	Time	State	Event	Site
		or		
		Club		
Sat May 3	1.00pm	C	Tarmac Vint Combat	Lumen Christi
Sat May 17	2.00pm	C	Race Day	
			F2C & F2F	CLAW
Sat May 24	1.00pm	S	F2B Aerobatics	Lumen Christi
Sat Jun 7	1.00pm	C	Mercurians Combined	
			Speed. Len Amour	
			Memorial Event	CLAW
Sun Jun 8	2.00pm	C	Race Day	
			F2C & F2F	CLAW
Sat Jun 14	10.00am	S	F2C Rd 1,2,3 F2F	CLAW
Sun Jun 15	10.00am	S	F2C Rd 4 and Final.	
			Vintage A	CLAW
Sun Jul 6	1.00pm	C	Vintage Stunt	Lumen Christi
Sun Jul 20	2.00pm	C	Race Day	
			F2C & F2F	CLAW
Sun Aug 10	11.00am	C	Claw Comb Speed	
			Mercs 2.5 Combat	
			F2D & Fast	CLAW
Sun Aug 24	11.00am	S	G/Y, Classic B and	
			Bendix	CLAW
Sat Sep 6	11.00am	S	Vintage Combat	CLAW
Sat Sep 20	2.00pm	C	Race Day	
			F2C & F2F	CLAW
Sat Oct 11	1.00pm	S	Open Combat	CLAW
Sun Oct 26	2.00pm	C	Race Day	
			F2C & F2F	CLAW
Sun Nov 9	10.00am	S	Combined Speed	CLAW
Sat Nov 29	11.00am	C	CLAW Race Day	
			and wind up	CLAW



Adelaide Aeromodellers Club

2008 Events Calendar

Slow Combat and Balloon Burst –	June 7 th
(Whyalla Show CL Competition -	
tentatively	(August 16 and 17)
Peacemaker / FliteStreak Stunt # 1 –	September 6 th
Vintage Combat and Grass Rat Race (Monarto)	
	– October 4 th
Triathlon –	November 1 st
Peacemaker / FliteStreak Stunt # 2	December 6 th

Notes:

1. All days are Saturdays, dates are provisional
2. Start time of all competitions is 11.00 am. Practice from 10.00am
3. All events to be held at the AAC field, Unley Rd City opposite BMX Park
4. All entrants must be MASA members and show their FAI licence
5. Safety straps required on all handles in all events.
6. Mufflers mandatory on all glow motors 2.5cc and above

For more info contact Peter Anglberger Tel 8264 4516



"All Aussie" and Vintage Combat

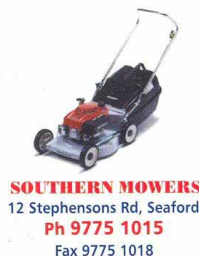
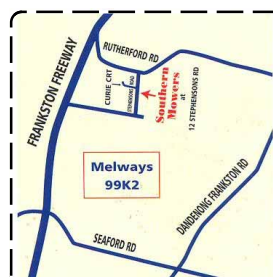
Join C.L.A.G. and Brimbank Falcons for a combined "All Aussie" theme day and Vintage Combat.

"All Aussie" will showcase Australian designed model aircraft. So dust off those old models and polish the new ones and join us for a display of Australia's finest.

Peoples Choice prize, Dremel rotary tool – value \$100

Refreshments and "Aussie" BBQ will be available.

See you at K.M.A.C.Stud Rd Rowville, Melways ref. 72 K9 Sunday May 4th 2008, commencing at 10am



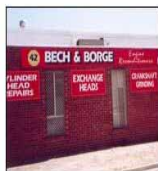
These businesses assisted CLAMF when the Toro Mower was in need of serious repair.

Contact

Bech and Borge Engineering Pty Ltd (ABN 36 006 187 506) can be contacted as follows:

Phone	(03) 9544 8600
Fax	(03) 9540 0609
Address	42 Canish Road, Oakleigh South VIC 3167
Email	enquiries@bechborge.com

Engine Reconditioning Specialists



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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.

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F2B Aerobatics at the Vic State Champs 2008

Well what can you say, the weather was windy and for good measure, it was gusty. Peter White was the first to brave the conditions, and even with the skill level Peter has, he struggled to post a decent score, but under those conditions he got a fabulous 939.75.

Next was Mark Ellins who was flying pretty well in the bad conditions, and had to stop halfway through due to having stitches in his flying hand caused by an incident in F2C team race in which he was hit by a competitor's model.

Craig Hemsworth, flying his Saito 72 four stroke powered monster that handled the wind the best but it was his lack of practice that kept his score down, but it was very impressive. That was it for round one.

Doug Grinham and our Sth Aussie friend, Peter Anglberger decided it was smarter if they sat round 1 out so it was decided by Damian (the C.D.) Sammut that there will be a break to see if the wind would die off. 2hrs later the wind dropped to a little zephyr breeze. It had all the pilots scampering off to get their planes fuelled and ready to go. As luck would have it stayed like that for the rest of the day.

The 2nd round got underway with Peter White being the 1st up and flying extremely well to be the 1st flyer to score over 1000pts.

Craig Hemsworth flew his well proven "KA-10'ish" to make a big improvement with a score of 952.5.

Doug Grinham was next, flying his beautiful "Hotdog" with a Stalker 61 in the nose. He flew a rather safe pattern, but never the less scored well with a 974.25.

Next flying was Mark Ellins, but due to his injured hand he struggled but non-the less still posted a decent 950.50.

Last flyer for the round was Sth Aussie, Peter Anglberger, with a very nice Focke Wulf 190 with a nice sounding ST46 up front Peter flew a nice and steady pattern to score 814.50 for his round.

The third round was an all out affair with all competitors pulling out all the stops to take the State Champs title, with four out of five scoring over 1000pts.

The 1st to fly was Peter White who put in a flawless display of skill and experience to pull off the highest score of the comp with an 1121.50.

Next was Craig Hemsworth and he flew fantastic to grab the 2nd highest score of the comp with a well-deserved 1068.50.

Doug Grinham flew next, and put in a blinder of a round, with a 1043.75.

Mark Ellins was next and put in a fantastic flight under the circumstances [injured hand] to post a 1058.00.

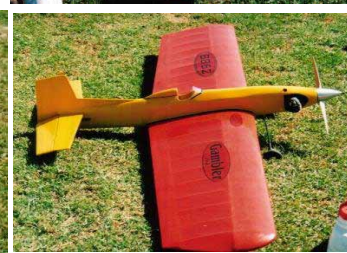
Last up was Peter Anglberger putting in his best flight of day with a 100-point improvement to score 918.50.

I'd like to thank all the competitors especially the interstate boys and all the Knox crew that made this event a very enjoyable and smoothly run one. Special thanks go to Peter O'Keefe for tabulating the scores and Greg Barclay for running the score sheets back and forth all day and thanks for doing the hardest job of the day go to the judges Damian Sammut and Kim Laughton who did a sterling job.

Report from Kim Laughton

Results.

Competitor	Model/Engine	Score
1 Peter White	Geo XL/Stalker 61	2138.25
2 Craig Hemsworth	KA10ish/Stalker 51	
	4 Play/Saito 72	2021.00
3 Doug Grinham	HotDog/Stalker 61	2018.00
4 Mark Ellins	Jazzzer/Stalker 61	2008.5
5 Peter Anglberger	Focke Wulf 190/ST 46	1733.00



Vic States Vintage Stunt Pictures from top left.

Maris Dislers "Peacemaker"
Doug Grinham "Jamison"

Dave Nobes "Guided Whistle"
John Goodge "Gambler"

Peter White "All American"
Graham Vibert "X-Pendable"

Peter Anglberger "Ambassador"

2006 Fora F2D Engine Test

Here are some more performance curves – this time for the Ukrainian Fora F2D engine. These well-regarded engines are widely used where top performance is needed. They have proven to be long lasting and reliable. Our engine is the 2006 model, which has since been followed by the “Leder” and a new model F2D engines from this company. It is not known what performance gains have been made since the 2006 model, but my results may be of use to people using the older engines.

Unlike the Cyclon PC-6 tested earlier, the Fora resented having to turn an “oversize” propeller. This is of no practical concern to F2D flyers providing they outfit the engine with the correct propeller. Choose the wrong prop and the Fora bogs down, adding 0.3 seconds per lap or more. Our test engine thrived on a narrow-bladed Seryogin propeller, achieving lap times in the 22's for 10 without much prior running time.

The observed flight performance is backed up by our test results. The BHP curve climbs over the 0.75 BHP mark at around 29,000 RPM. Annoyingly, we were not able to conduct testing at higher RPM, as the next size down in our calibrated test props would possibly not stand up to the workload. This is a pity, as we have observed the Fora's ability to build up RPM when not loaded in level flight and it would be useful to know at what point this engine runs out of puff.

Torque levels dropped in an almost linear fashion from a measured high of 31 oz-in at 17,000 RPM to a little over 26 oz-in at peak power output at 29,000 RPM. In practical terms, this suggests a setup that pushes the engine beyond its peak when flying level and accepting the inevitable drop in speed during manoeuvres to a point where adequate torque is available to maintain stable performance.

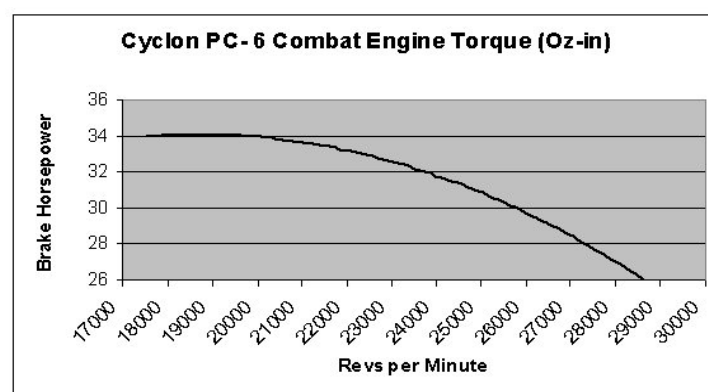
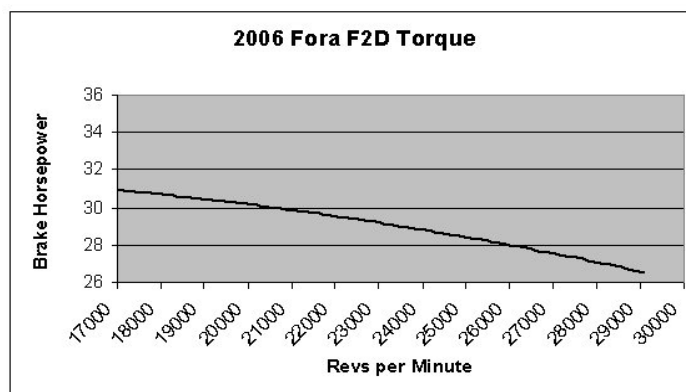
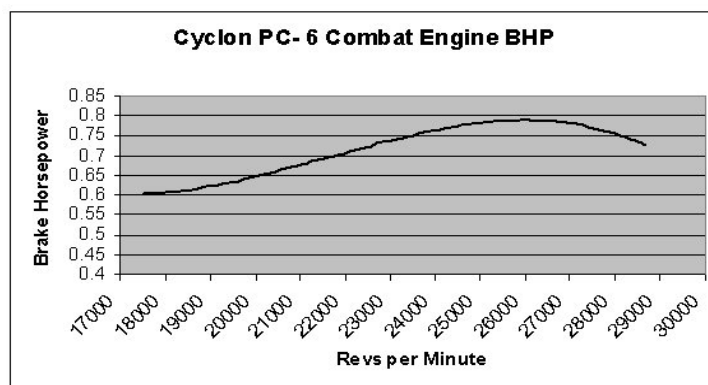
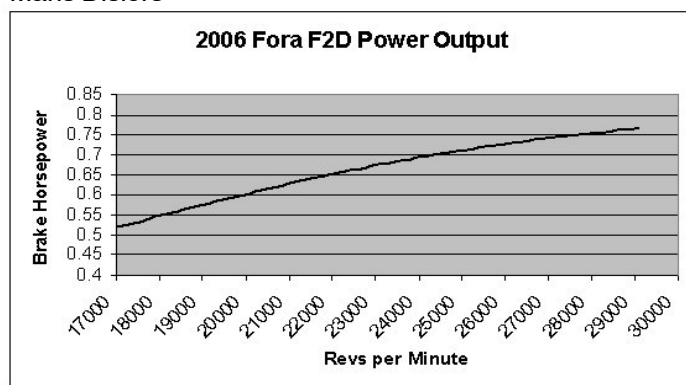
Revised Cyclon PC-6 Curves

Readers may recall my previous report on the Cyclon PC-6 engine. At the time it was calculated that the engine's peak power was developed at a surprisingly modest 23,000 RPM. However, I did comment that there appeared to be problems with the Anderson Curves used to convert test results to BHP and torque values. Since that time I've gained access to more precise torque absorption data thanks to Gordon Cornell's “Model Engine Mechanics”. As a result, I have recalculated the figures and arrived at the revised power and torque curves shown here.

Peak power nudging the 0.8BHP mark is now indicated, at a more believable 26,000 RPM. Torque remains at a healthy 30 oz-in at this level. This now suggests that it would be worth exploring the previously observed slight RPM jump around 27,000 RPM. This might be harnessed to maximise level flight airspeed. As with the 2006 Fora engine, with the performance curves indicate the likely direction to take. It seems clear that the prop best suited to the Cyclon will be significantly different to the Fora's favourite.

Experimentation with propellers will surely pay dividends for those people seeking to get those last few percent of performance potential from their engines.

Maris Dislers



South Australian Control Line State Championships.

Some of the results of the competition held at Monarto 24-27 April 2008

Team Race.

F2F	Heat 1	Heat 2	Final
1. Ellins/Poschkens	4:09.55	-	8:36.33
2. Fitzgerald/Cameron	4:10.49	-	8:39.68
3. Hallowell/Smith	4:37.05	4:30.84	9:38.11
4. M. Wilson/G. Wilson	5:01.00	4:43.88	

Vintage A

Only three entrants so only a final was flown.

1. Hallowell/Baker	7:09.55
2. M Wilson /Smith	7:13.99
G. Wilson/Ellins	DNF 72

Classic B	Heat 1	Heat 2	Final
1. Wilson/Ellins	3:33.45	3:40.18	6:49.74
2. Hallowell/Baker	3:38.53	3:14.46	7:40.10
3. M Wilson/Smith	3:36.47	No Time	9:41.88
4. Dislers/Poschkens	49 laps	No Time	

Vintage Combat	Rd 1	Rep	Rd2	Rd3	Rd4
1. Maris Dislers	L	W	W	W	W
2. Graeme Wilson	W	-	W	W	L
3. Mick Davies	W	-	W	L	W
4. Semelie Baird	L	-	W	L	L
=5. Mick Lewis	W	-	L		
=5. Mark Ellins	W	-	L		
=5. P Anglberger	W	-	L		
8. M. Wilson	L	W	L		
=9. Leon Baird	L	L			
=9. Bill Pudney	L	L			

F2D Combat

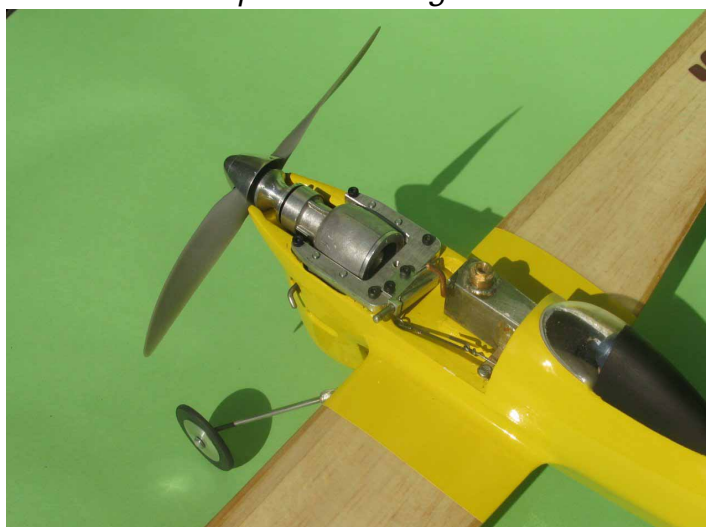
1. Murray Wilson	W	W	Bye	W
2. Leon Baird	L	W	W	L
3. Graeme Wilson	W	L	L	
4. Semelie Baird	L	L		

F2C Team Race

M Wilson/Poschkens	3:25.26
G Wilson/N Baker	3:25.15



John Hallowell flew his recently completed Pluto into first place in Vintage A team race.



Richard Evans has sent some fashion items of clothing that he produces to the modelers that had dinner with him when he was in Melbourne. The T/Shirts are available in most sizes and cost £7.50 each. The same print is available on S/ Shirts at £15.00
Contact Richard Evans by email at vickyrich@btinternet.com

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2008 SA State Control Line Champs Stunt Report

Adelaide Model Aerosport, Monarto, April 25th and 26th

The weather on the ANZAC long weekend was breezy and at times wet, but all stunt events went ahead despite dire weather forecasts.

Actually the conditions were remarkably good considering the forecasts, with most of the rain falling during after flying was finished each day.

F2B

All 3 rounds were brought forward to Friday because of the weather forecasts. All flyers chose to pass on R3 due to increased turbulence as the wind shifted to the west ahead of the first front of the weekend

Mark Ellins deservedly won the event flying very consistently and was the only flyer to improve his score in Round 2 when the wind had noticeably strengthened. John Witzke flying in his first ever 'pukka' F2B event flew nicely in round 1. Leon Baird flew well but suffered short engine runs in both rounds as did Peter Anglberger in R2, who managed to hang onto 2nd place.

Place	Entrant	Round 1	Round 2	Round 3	Sum of Best 2	Model	Motor
1.	Mark Ellins (Vic)	1840	1847.5	dnf	3687.5	Jazzer	Stalker 61
2.	Peter Anglberger	1723.5	1526.5	dnf	3249.5	Focke Wulf	ST 46
3.	Leon Baird	1630	1353	dnf	2983	Classic Yardstick	Enya CX 21 Diesel conv.
4.	J. Witzke	1463.5	1163	dnf	2626.5	Tutor ARF	OS LA 46
5.	G. Roadknight	1186	1196	dnf	2382	? OD	OS LA 46

CD: Peter Anglberger Judges: Russell Bond, Kim Laughton

Novice Stunt Judges: Peter Anglberger & Greg Roadknight

Novice Stunt rounds were flown alternating with F2B. All contestants are to be congratulated for flying in trying conditions. It is very encouraging to see 8 entries in this event and perhaps heralds resurgent interest in stunt flying in SA. Mark Poschkens had a secret weapon in his OS FP40 Diesel conversion which gave his Nobler absolutely constant air speed whilst every other model in both F2B and Novice suffered wind-up in the breezy conditions. Those who doubt large diesels are effective stunt power plants need to see this motor perform. All contestants have improved since I saw them fly at recent contests here and in Victoria.

Place	Entrant	Round 1	Round 2	Best	Model	Motor
1	Mike Davies	902	859	902	Maxi Slow	ASP 15
2	Mark Poschkens	812	881	881	Nobler ARF	OS FP40 Diesel conv.
3	John Witzke	843.5	558.5	843.5	Tutor ARF	OS 46 LA S
4	Mark Schultz	805	814.5	814.5	Imitation	OS 46 LA S
5	Kim Laughton	775	690.5	775	Smoothie	OS 46 LA S
6	Mike Lewis	687.5	626	687.5	Sukhoi	OS 40 LA S
7	John Barbara	681	666.5	681	Tutor ARF	OS 46 LA S
8	Paul Templar	550	541	550	Nobler ARF	OS 46 LA S

CD: Peter Anglberger

Vintage Stunt: Judges; Bob Edgecombe and Kim Laughton

Peter managed to secure victory by the narrowest of margins thanks to a 19 point static head start over Maris who put in an outstanding Round 2 flight.

Place	Entrant	Static	Round 1	Round 2	Static + Best Flight	Model	Motor
1	Peter Anglberger	120	319.5	326	446	Ambassador (1951)	Sabre 2.5 (1955)
2	Maris Dislers	101	315	343	444	Peacemaker (1958)	AM 25 (1955)
3.	Greg Roadknight	84	299.5	310.5	394.5	Flite Streak (1958)	OS 25 LA S
4.	Mark Poschkens	100	286.5	283	386.5	All American (1951)	Fox 35 (1958)
5	Mike Lewis	59	295	286.5	354	Viking (?)	OS 46 LA S
6.	John Barbara	76	228.5	182	304.5	Flite Streak (1958)	OS 25 LA S

Classic Stunt: Judges; Bob Edgecombe and Kim Laughton

Classic was run to MAAA rule except that models up to January 1st 1970 are eligible. Stronger wind made flying interesting at times.

Place	Entrant	Round 1	Round 2	Best Round	Model	Motor
1.	Peter Anglberger	1061	dnf	1061	Gieseke Nobler	L&J Fox 35
2.	Maris Dislers	978	109.5	978	Peacemaker	AM 25
3.	Greg Roadknight	922.5	671	922.5	Flite Streak	OS 25 LA S

Thanks to the judges and AAC helpers, especially Ann Roadknight who ran the score sheets and tabulated all weekend and Kim Laughton who kindly agreed to judge 3 stunt events over two days.

Report from Peter Anglberger

CLAMF CONTEST RESULTS 9/3/2008

MINI GOODYEAR

1.	H.Bailey/P.Roberts	4:17.5	MR D	OS CZ 11PS
2.	J.Hallowell/L.Smith	6:50.53	OL BLUE	ENYA CX 11



VINTAGE STUNT

		Static	rd 1	rd 2	Total	Model	Engine
=1.	Peter Roberts	98	180	171	278	Peacemaker	OS MAX III
=1.	Robin Hiern	111	167	121	278	Super Zilch	Super Cyclone
3.	John Hallowell	82	177	52	259	Nobler	Merco 35

CLAMF CONTEST RESULTS 13/4/2008

SIMPLE RAT RACE

		ht	Final	Engine
1.	G.Wilson/M.Wilson	102	210	OS FP 15
2.	H.Bailey/P.Roberts	92	192	OS FP 15
3.	B.Young/K.Maier	52	dns	OS FP 15



Bryce Young flew his new Simple Rat model.

SPEED CONTEST FRANKSTON APRIL 13TH.

Another good turn out for speed, a little down from State Champs and previous contest. Class 1 still has the most entries, with guys getting faster with changes being made.

Murray managed a really fast 2nd flight of 15.99 using a Steve Wilk [USA] prop, and some of my fuel. Harry used the same fuel but did not improve much, even with one of my 2 blades which Murray tried on his third flight but fractionally slower.

Vintage [Classic] Proto is getting a few entries as well. Maybe we should change the name to Classic Proto, as the models are the "Classic" team racers.

Originally we called it Vintage as Vern Marquet was sport flying his vintage model years ago on his own on another cycle, and we suggested he come and fly with us, and we called it Vintage Proto just for fun. Since then the Classic B/t/r guys have been regular competitors. It has been suggested that we have Classic and Vintage.

As this is for our club days for "fun" we can do what we want, just gets people flying which is the name of the hobby. It works down in Victoria.

Vern placed 3rd with an old model in Vintage Speed powered by an old Enya 15 plain bearing.

I got out my home built RH11 and tried a later "bigger prop" same as my new Nova uses, which I am finding is going faster, it seemed to work on my motor as well.

The model was flying too low and needed a wing incidence adjustment, so I put it away for the day. I also flew my big FAI type model with a Nova Rossi .21 in Class 2 [5cc]. It also flew low so I could not operate the cutout, but it did its best ever time of 10.11 for 98.9% of the record so I only had 2 flights all day but I had fun helping the newer guys getting sorted out.

Thanks again to my crew Vern and Ron and the time keepers on the day and Fiona for the barbecue...

Next speed day is not until June 15th at Frankston. Can we wait that long for a speed "fix"? Maybe we could finally arrange a comp at Knox so we can fly the long line classes, as at the moment we only get the opportunity to fly at Knox during the Victorian State Champs.

May 11th seems free, so do you guys want to try a Knox comp, we have to give KMAC notice so we can "book" the circle, and so they can mow the field. Please let me know.

Robin.....

Pos	Name	Class	Engine	Flight 1	Flight 2	Flight 3	Fastest	Km/h	%
1.	R Hiern	Class 2	Novarossi 21	10.11	D.N.S	10.11		286.53	98.91%
2.	J.Hallowell	Vintage Proto	Brodak 25 mk4	31.99	32.44	32.44	31.99	181.11	96.16%
3.	V Marquet	Simple Speed	Enya 15 pb	22.98	21.38	22.64	21.38	168.38	93.55%
4.	N Wake	Class 5	Novarossi 21	15.08			15.08	238.79	93.00%
5.	R Hiern	Class 1	RH-11 Speed	14.94	D.N.S	D.N.S	14.94	240.96	92.77%
6.	M Wilson	Class 1	OS CZ11 PS	18.10	15.99	16.31	15.99	225.14	86.68%
7.	N Wake	Class 1	OS CZ11 PS	16.30	16.59	16.54	16.30	220.86	85.03%
8.	N Wake	Vintage Proto	Magnum 25	41.59	38.56	38.23	38.23	151.57	80.47%
9.	H Bailey	Class 1	OS CZ11 PS	18.21	17.76	17.68	17.68	203.62	78.39%
10.	V Marquet	Proto	Picco 21	N.EL	46.89	D.N.S	46.89	123.56	51.45%



MODEL AIRCRAFT ASSOCIATION OF AUSTRALIA Inc. 62nd. AUSTRALIAN MODEL AIRCRAFT CHAMPIONSHIPS ALBURY

28th. DECEMBER 2008 to 3rd. JANUARY 2009

BULLETIN NUMBER ONE

VENUE

The National Control Line and Free Flight Championships are to be held in the Albury district.

DATES

The Nationals will commence with the first day of competition on Sunday 28th. December 2008 and conclude on Saturday 3rd. January 2009.

ENTRIES

Entries close on the 30th. November and must be accompanied with a copy of the entrants current MAAA card

REGISTRATION

There will not be a Registration day. All processing will be done by the event Contest Director at the event site on the day of the event

INFORMATION

Entry forms, maps etc will be included in bulletin two.

ALBURY ACCOMMODATION INFORMATION

BOOK EARLY AS THERE ARE MANY EVENTS AT THIS TIME

CONTACT - WENDY KILLEEN (CONVENTIONS/ BUSINESS DEVELOPMENT MANAGER)

T – 02 6051 3760. M – 0417 401 743. – wkilleen@destinationalburywodonga.com.au
www.destinationalburywodonga.com.au

“Manor House” motel is 5 min. walk from Alexander Park and the city center. Pool, spa and dining room. Corporate prices offered to model aircraft competitors and families. Recommended. 02 6041 1777
Camping available at Twin Cities Club. Contact Dave Balfour M – 0407 953 903

RUTHERGLENN ACCOMMODATION INFORMATION

CONTACT RUTHERGLEN VISITORS INFORMATION

T – 02 6032 9166. – 1800 622 871
info@rutherglenvic.com

NATIONALS ORGANIZING COMMITTEE

Brian Eather	Nationals coordinator (H) 02 9602 4934 (M) 043 9626 950 (Email) brianea@optusnet.com.au
Paul Turner	Control Line Registrar (H) 0247 774 645 (M) (Email) Elephants2@bigpond.com & Aerobatics coordinator
Peter Norrie	C/L Combat coordinator (H) 02 9835 6330 (M) 0409 981 102 (Email) cl_pete@hotmail.com
Richard Justic	C/L Racing & Speed (H) (M) 0408 414 998 (Email) rjustic@bigpond.net.au Coordinator
Tony Bonello	C/L Scale coordinator (H) 02 9836 0890 (M) 0415 240 503 (Email) tony_bonello@hotmail.com
Terry Bond	Free Flight coordinator (H) 02 4647 2473 (M) 0417 027 579 (Email) terry@bondfive.com.au
Bill East	Free Flight Registrar (H) 02 9628 1110 (M) 0417 244 826 (Email) weast@optusnet.com.au



Knox Model Aircraft Club presents....

The Hearns Trophy Stunt Competition first began in 1947 and is the oldest C/L Stunt event in Australia..

KMAC will host the Hearns Trophy FAI Stunt Competition and invites all interested competitors and visitors to come to our Control Line flying field to enjoy a great spectacle of precision aerobatics flying and a friendly atmosphere.

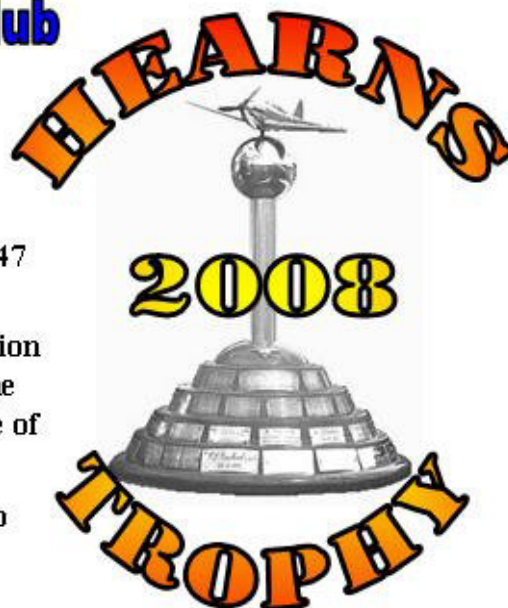
Competition entry fee is \$5 and prizes will be awarded to the first 3 place-getters.

There will also be a Sausage Sizzle BBQ lunch and soft-drinks available at a nominal cost.

The KMAC field is located off Stud Rd., Scoresby, opposite Caribbean Gardens... (Melway 72 K9)

Enquiries: CD Damien Sammut (03) 9877-0675
Email: kmac@aanet.com.au

Sunday May 25th at 10am sharp!



62nd. NATS PROGRAMME OF EVENTS 28TH. DEC. 2008 to 3RD. JAN 2009



VENUES	STADIUM	C/L GRASS FIELD	C/L HARD SURFACE	F/F FIELD	SOCIAL EVENTS
SUN 28		PRACTICE	PRACTICE	COMBINED – F1G, F1H, F1J. MAY ENTER MORE THAN ONE EVENT	
MON 29		F2B AEROBATICS R1 EXP, ADV, JNR. F2D COMBAT	½ A TEAM RACE F2C TEAM RACE R1 & R2	F1A OPEN POWER	SOCIAL EVENING AND DINNER AT COMMERCIAL CLUB
TUE 30	HANGAR RAT. HANGAR RAT SC- RAMBLE. PEANUT. BOSTONIAN. H.L.G. EZB. 12am. TO 10pm	F2B AEROBATICS R2 EXP, ADV, JNR. BENDIX & CLASSIC B F2B AEROBATICS R3 EXP, ADV, JNR OPEN COMBAT	F2F TEAM RACE CLASS 2 TEAM RACE F2C SEMI FINALS & FINAL GOODYEAR TEAM RACE MINI GOODYEAR TAEM RACE	F1C OPEN RUBBER	
WED 31		F2B AEROBATICS R4 EXP, ADV, JNR. VINTAGE A TEAM RACE	F2A SPEED COMBINED SPEED JET SPEED	SCALE, SCRAMBLE P30, HLG/CLG	
THUR 1		CLASSIC AEROBATICS SLOW COMBAT	2.5 RAT RACE OPEN RAT RACE	FREE DAY	BARBEQUE & SWAP MEET AT TWIN CITIES CLUB
FRI 2		VINTAGE AEROBATICS JNR. RAT RACE	F4B SCALE STAND OFF SCALE	F1B OZ DIESEL NIGHT SCRAMBLE	
SAT 3				COMBINED – VINTAGE, POWER, RUBBER & GLIDER	

STADIUM – The Albury Stadium is located on North Street Albury. The stadium will be used for indoor events.

GRASS SURFACE – Alexandra Park is adjacent to North Street opposite the Stadium. This park will be used for grass surface Control Line events.

HARD SURFACE – The hard surface is located at the Twin Cities Club located off the Olympic Hwy. on Central Reserve Rd. This site will be used for hard surface Control Line events.

FREE FLIGHT – The Free Flight events are to be held at McMahon's property on Hughes Rd. at Springhurst.

For Sale

For Sale
SC 36. New in Box

\$175 or offer

Call Greg Ardill 0419639581
Or email greggles47@optusnet.com.au



First pressing pure castor oil.

Price: \$38 for 5 litres including container.
Std post Melbourne area \$7 including P&H
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combtkid@hotmail.com
Telephone 03 9398 8244 day or evening.

2 as new "Ironmongers" to suit OS, TT, or Norvel 15's
and identical to 3rd placed model at W.A. Nats.

\$90 ea plus post.

1 N.I.B. Cipolla 25 R/C	\$ 80.00
1 N.I.B. Cipolla 25 C/L + muffler	\$125.00
1 N.I.B. Thunder Tiger .25 + muffler converted to C/L	\$125.00

Brian Burke (07) 3200 1308
2-24 Appaloosa Ct.
Munruben. Q. 4125

During my recovery from a Knee reconstruction operation I am willing to construct Vintage Combat models (Liquidator or Dominator designs) for people who may not have time to build or just cant be bothered.

I will build a full model without the engine pod so people may fit and balance their own motors to models - \$55

OR

I can make the complete model to run, if the motor to be used is a Super Tiger G15 or G20 and also Oliver Tiger - \$80

If any people are interested please let me know the details of what they require and if the model will be of a diesel or glow (for tank sizes 50cc or 100cc)

Ryan Leknys. Email ryan.leknys@student.curtin.edu.au

Mobile is 0416310949 Call me after 5pm.

WANTED

Shipping container for storage use at Frankston Club field.

We are also on the lookout for a portable toilet for flying field use.

Any offers?

Contact the Club Secretary at CLAMF@ozemail.com.au

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