



AEROMODELLERS
NEW SOUTH WALES



Graeme Brown and his recently completed SE5A at Round 2 of the Club Scale comp held over the weekend of 22nd and 23rd July at the Camden Valley R/C club at Menangle - full details on page [16](#). Story and photo by Chris White - NSWAS

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Diary Notes

Next Aeromodellers NSW Meeting

Friday 13th October 2017, 8:00pm at **Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.**

Following Aeromodellers NSW Meeting

Friday 8th December 2017, 8:00pm at **Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.**

Newsletter #401 (October 2017) deadline for submissions:
Tuesday 12th September.

Contacts

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Please forward any changes of mail or email address together with your AUS Number directly to the Registrar

Valé Don Costelloe



Don Costelloe AUS 17746, aged 70 passed away quietly on Sunday night (20 August) from Leukaemia surrounded by his family and close friends.

Don was a lifelong modeller and was well known in gliding circles. He was a member of many clubs in the south western area of Sydney. Don was a passionate and regular participant at the Jerilderee Glider Contest and had served for a number of years on the LSF Executive.

Don also served on the ANSW Executive and was a great sounding board because of his vast modelling experience and sound corporate governance knowledge.

As some may know, he recently lost his leg but although this slowed him a little he was still flying regularly. It was great to see him at the Penrith Regatta Centre in his wheelchair, flying seaplanes with his son Trent.

His funeral was held at the Northern Chapel of the Forrest Lawn crematorium, Leppington at 10am on Thursday 24 August

I have personally known Don and his family for almost 40 years and on behalf of all aeromodellers in NSW we offer our sincere condolences to Anna, Nathan, Trent and Amber and the rest of Don's family.

Tim Nolan
President ANSW

Call for Applications for New MAAA Secretary in 2018



MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA

The current MAAA Secretary, has announced he will be retiring from this position after 30 November 2018. The MAAA Executive are therefore calling for applications to fill this position.

The MAAA Secretary is a full-time employed position reporting directly to the President of the MAAA. The Secretary is responsible for a vast array of duties from the day-to-day administrative tasks of the MAAA to team selection trials and team entries for international events. The position requires liaising with those stakeholders on behalf of the MAAA at the highest levels of the sport including CASA, ASAC, Local, State and Federal government as well as international bodies such as the FAI.

The MAAA Secretary is also responsible for the MAAA Registrar's position which includes all member renewals, new members and membership card printing.

For a full job description contact either the MAAA President, Vice-President or Secretary. Nominations close on 31 December 2017

Neil Tank
President MAAA

Looking Back, Moving Forward

Ladies and Gentlemen

We have access to the best sport ever - Model Aviation. The community at large is just getting to understand more about us and now we face the challenge of diplomatically and carefully managing how people view our sport and influence our future.

Risk is the big driver of change. CASA, local communities and Government as well as individual politicians are all attempting to wrap their heads around drones and the delicate balance of small, unknown flying “things” that represent innovation, future possibilities and industries whilst at the same time being potential safety hazards, invaders of privacy and attracting the rogue element with thoughtless actions and possibly serious consequences. Like it or not, this has also put a spotlight on our longstanding activities involving other flight disciplines.

Embodied in our MOPs is a culture of safety. I recently witnessed a pilot getting his hand seriously cut up by a propeller and it was a sharp reminder that even experienced, knowledgeable pilots can have accidents and the outcome of those accidents is often determined by our response time and to a great extent, the size of the props and engine. But of course it would have been better to avoid the accident altogether. How do we do that? How do we make sure that we run safe Clubs and that people enjoy the sport without damaging themselves and/or others? Is it more training, greater collective vigilance, buddies supporting each other so that best practice is maintained? Each club must decide how they must manage this.

As an organisation, our safety record has put us in good stead with people who can strongly influence our sport and the regulations we may be forced to live with. Attending the Senate Hearing and providing our perspective on drones was very important. To my knowledge we have not had this level of public and Government scrutiny before. Even though the subject under discussion was “drones”, the concerns for the safety of full size aircraft, people and property as well as privacy and noise can equally be applied to all our model types.

We are now in a place where other people can decide our fate and very easily shrink the areas where we can fly and the heights we can reach. We must realize that our actions can impact how our sport is perceived and the decisions that will be made on our behalf. We know and love our aspect of aviation and in many ways must be cognisant of the fact that we hold in custody for future generations this sport that we hold so dear.

Our relationship with CASA and the communities around each of our fields is now a priority for the management of ourselves both at the Club and State level.

CASA are now issuing fines. These incidents resulting in this are not something to be proud of. Officers from CASA are visiting our fields and observing our behaviours, which in the majority of cases are exemplary, demonstrating our history of safe flying by the way we manage our flying and field usage. As is often the case a handful are showing the worst side of themselves and are being called upon to explain themselves. Social media channels are also being monitored for pilot behaviour and are being used as evidence in many cases.

Part of the ANSW Strategic Plan has a focus on Risk Management and to that end the Executive, in consultation with CASA are available to help each of our Clubs to develop a simple but useful contextual Risk Assessment plan, tailored to each Club and flying site. These are not difficult or overly complex to complete and to assist, the ANSW Executive has almost completed a simple guide and template and we encourage your Club create its own Risk Management Plan.

I ask that you start discussion within your Club and look carefully at how you can make your Clubs a safe place for all who take to the sky. I want us to be able to look back on this time as a time of successful change. I want us to be more assured of our future as we navigate through this stage in the development of our sport.

Tim Nolan, President

General Bi-Monthly Management Committee Meeting Minutes

Aeromodellers NSW Inc

Dooley's Waterview Club
Cnr Clyde St & Silverwater Rd, Silverwater
Friday 11th August 2017

Meeting Opened: 8:01pm

Attendees: R Masters WPMAC, Dave Lewis CANSW, J Randle NSW Pylon, G Atkinson WRCS, A Nolan ROW, G Hoy CMAC, B Thrift CVRCMAC, J Martin SMRC, C Weatherhead WRCS, T Nolan ROW, T Ingham WRCS, R Bishop CMAC, M Robertson CMAC, R Carpenter HMAS, W Girdlestone WMAC, G Hutchinson ROW

Visitors: None

Apologies: S Norrie NSW Scale

Minutes: Motion: That the minutes of the meeting held on the 23rd June 2017 at DOOLEY'S Waterview Club, Silverwater as published in Newsletter 398 be accepted as a true and correct record of that meeting.

That the financials presented at the June 2017 meeting and in Bulletin 3/2017-2018 be accepted.

Moved: ROW **Seconded:** WRCS **Carried**

Business Arising:
Nil.

Correspondence: (N.B. Items of correspondence with one * are for information, items with two ** require a decision).

Correspondence In:

From MAAA:

* M 1.1 President. State flying instructor conference. **See Appendix 1.**

Note that the ANSW meeting concluded that the recently circulated instruction programme would be regarded as the essential minimum level but that states and individual clubs may wish, and should be entitled, to add additional instruction and testing if they so wished. George Atkinson to raise this position at the State CFI Conference.

- M 1.2 Secretary. Proposal that ANSW shares cost 50:50 with MAAA on shipping container for Tarmac club where arson has created significant hardship. Note that the container may be sold and the proceeds returned in due course.

Moved: WRCS Seconded: WPMAC Carried

From other than MAAA:

- C 2.1 Secretary CMAC. To advise that Malcolm Robertson and Adriel Bent would be official club delegates for future meetings.
- C 2.2 Secretary CMAC. Requesting change to the field address and directions on ANSW website. CW to arrange.
- C2.3 Secretary CMAC. Concerning members wishing to nominate for instructor training and offering field as venue for training. Passed to CFI.

Late Correspondence:

- C2.4 Wagga – regarding hosting of ASAA state titles Aug 26th and requesting financial assistance, which was granted in the amount of \$250
- C2.5 Requesting ANSW assist in obtaining support from MAAA for F5J category to be included in World Championships – Slovakia 2019
- C2.6 Brendan Tucker - regarding F3N and F3C state titles at Cootamundra 24-27 Aug and requesting financial assistance, which was granted in the amount of \$250

Correspondence Out:

None

Business and Matters Arising from Correspondence:

None

Motion: That the inward correspondence is accepted and the outward correspondence be adopted.

Moved Cronulla Seconded: HMAS Carried

Reports

Treasurer Steve Norrie

The Treasurer presented his report and submitted the accounts for approval and payment. These will be circulated by bulletin in the normal manner.

Motion: That the Treasurer's report be accepted and the accounts presented be approved for payment.

Moved CVRCMAC Seconded: ROW Carried

President and CASA Liaison Tim Nolan

Sadly, we have been advised that Clive Butler from Tasmania, one of the true large scale modellers in Australia passed away suddenly from a stroke on 31 July. His ashes were spread over his flying club field last Sunday at 11am. Clive is well known through the scale fraternity, perhaps best known for his large Beaufighter which has made a few trips into NSW over the years.

The Tamworth Club have also had a challenging start to the year when their sheds were broken into and deliberately burnt to the ground. The Executive of the club had the foresight to fully insure the sheds and their contents. This will in time enable them to get back on their feet. Larry Hoskins the President and his team are to be complimented on the way they are running the club. If you are interested in scale I can recommend attending their annual scale rally for some great flying and they will make you feel very welcome.

The key message out of this is that all clubs should give serious consideration to insuring their assets against theft and fire. Certainly, it comes at a cost but imagine the cost of losing a tractor, slasher, ride on mowers, BBQ equipment, generators etc.

Since the last meeting, the members of the Executive have visited the Hornsby Electric Model Club and the Wagga Model Club. It was good to meet with the clubs and to hear and see how they are operating and to discuss what assistance we can provide them.

Tonight, we are delivering our Strategic Plan for this year, an Executive Summary of the plan will be circulated to all Members for comment. Please remember this is a living document and sets out what we as your Executive are trying to achieve for the Aeromodellers of NSW. The document also sets out the Key Performance Indicators (KPIs) that we will use to judge our progress through the year. These cover most aspects including budget, membership, visits and training courses etc.

As advised at the last meeting on the 26 June we appeared before the Senate Hearing into Remotely Piloted Aerial Systems in Sydney where, Greg Hoy, Aranka Nolan, George Atkinson and I presented our views on the issue of drones and the associated challenges. It was very apparent that the Committee has some fixed ideas; it was made clear to us that they see the MAAA and ANSW as part of any solution in the future rather than the problem, acknowledging that we have a long established history of compliance and safe use of airspace.

On another note, all members should be aware that CASA, as the regulator, or as some put it, the “policeman in the sandpit”, are watching what we do and they will take action against pilots who flaunt the Regulations. As members of the MAAA we are not exempt from prosecution. Rather because of what we do there is an expectation that we should know better. Several members have already been spoken to by CASA officers and some breached for offences under the Regulations. If you are flying a drone or an aircraft and not complying with the MOPs and the Regulator finds out you can certainly expect a knock on the door. I am aware of a number of serious investigations that are being conducted and some of these are involving MAAA members.

The decisions from the MAAA Conference have now been released and circulated to all clubs for their information. I would encourage you to review these documents as they will give you some indication of the directions that the MAAA are planning.

Registrar

Dave Lewis

Currently

1838 Members (+24 more on the night of the meeting)

82 Clubs (SAMAUS not yet renewed)

About 100 New members of which 25 are Juniors

Age Groups of MAAA Members

Age Group	No. Members	Percent
18 or under	79	4.30 %
19 - 29	47	2.56 %
30 - 39	121	6.58 %
40 - 49	241	13.11 %
50 - 59	396	21.55 %
60 - 69	437	23.78 %
70 - 79	421	22.91 %
80 or over	96	5.22 %
Total: 8	1,838	100 %

Newsletter editor **Rob Masters**

The July 2017 issue (#398) saw MailChimp used for the first time to distribute our newsletter. Results from my perspective were great; I had one member email me that the link was not responding I had a follow-up email very shortly after that advising that “all was OK now” so I’m not sure what the issue was. A quick summary – we went out to 1,954 members; there were 1866 successful deliveries, 88 bounces, one “unsubscribe”.

Apart from that, MailChimp offers many helpful features including a full report on many stats which I can slice and dice to establish things such as number of bounces, who they were and what clubs they were from. Summary stats for this month are as follows:

MailChimp Stats for ANSW Newsletter #398 - July 2017		
Subject Line:	Aeromodellers NSW Newsletter #398 - July 2017	
Delivery Date/Time:	Fri, 14 Jul 2017 6:33 pm	
Overall Stats		
Total Recipients:	1,954	
Successful Deliveries:	1,866	
Bounces:	88 (4.5%)	
Recipients Who Opened:	1,105 (59.2%)	
Total Opens:	2,894	
Last Open Date:	3/8/17 6:53PM	
Recipients Who Clicked:	694 (37.2%)	
Total Clicks:	22,518	
Last Click Date:	3/8/17 7:32PM	
Total Unsubs:	1	
Total Abuse Complaints:	0	
Clicks by URL		
URL	Total Clicks	Unique Clicks
http://nsw.aeromodellers.org.au/wp-content/uploads/2017/07/ANSW-NL-398-July-2017-1.pdf	22,508	691
https://www.facebook.com/aeromodellersnsw/	6	3
http://nsw.aeromodellers.org.au	4	4

As well, backcopies of newsletters are now available on the ANSW website (<http://nsw.aeromodellers.org.au/>) scroll down to the bottom of the homepage. Each issue will be posted on the website as the following one is published and emailed to members.

Note that the latest newsletter had 1640 successful deliveries to the 2017/18 member list which is smaller, at the time of writing, as renewals and new members are still coming in.

Public Relations Officer Aranka Nolan

New ANSW uniforms are due to be ordered as well as business cards for the Committee members. The Committee photographs on the ANSW website are being updated, along with brief bio/profiles for each.

It is my intention to incorporate brief stories/bios on the Clubs that we visit during the year so that greater visibility is available for anyone looking for a Club in their area. The website will also be tweaked to enable people communicating via it to log a return email address on their enquiries.

Chief Flying Instructor George Atkinson

Any Clubs wishing to nominate members for an Instructors Course, please email the ANSW Secretary. Instructors and CFIs are also encouraged to contact George directly at cfi@nsw.aeromodellers.org.au

Vice President Greg Hoy

Update that Shellharbour Club had been unsuccessful in securing a new site despite a great deal of good work put in. Reason given was a refusal of access by a neighbouring property.

Also an update that, after a conversation with Crown Lands, there is a possibility of a new flying site being available close to the Appin Road, and also potential to access further opportunities via the Crown Land databases.

Secretary Clive Weatherhead

Nothing other than general business included in this document to report this time.

Motion: That the committee reports be accepted.

Moved NSWP Seconded: ROW Carried

Awards:

Awards			
MAAA power fixed wing			
Name	Club	MAAA number	Class
Paola Lanigro	GCAC	81533	silver
William Byrne	GCAC	84858	silver
Peter Hodgson	GCAC	84859	silver
Robert Gibson	GCAC	84881	silver
Anthony Pollard	GCAC	64291	silver
Sidney Thomas	GCAC	73782	silver
Colin Wardrop	GCAC	14573	gold
Roger Thompson	FTMAC	30756	gold
Rick Collis	FTMAC	82965	gold
Mark Rixon	GCAC	76643	silver
Jimmy Burrows	GCAC	84949	silver
Mark Lloyd	SHMAC	85057	bronze
Geoffrey Lawrence	BCRCF	84919	silver

Awards			
MAAA power fixed wing			
Murray Wyatt	Rebel Flying Club	75690	silver
Geoffrey McKeown	SHMAC	54551	bronze
Vimresh Prasad	Cronulla MAC	84559	silver
Darius Ankus	HEMFC	85021	bronze
MAAA glider			
Name	Club	MAAA number	Class
David Lackner	GCAC	76405	silver
Graham Bairnsfather	SHMAC	71529	silver
MAAA helicopter			
Name	Club	MAAA number	Class
None			
MAAA multirotor			
Name	Club	MAAA number	Class
Greg Underwood	WRCS	76538	gold

Motion: That the nominations for Gold Wings be ratified.

Moved CVRCMAC **Seconded:** HMAS **Carried**

Operational Plan – Standing items. Updates if any required

Cootamundra State Field

Filed in good condition and looking green. Lights have been arranged for the outside toilets. One pipe ruptured due to freezing and has been repaired.

Field Purchase

No update.

Constitution – change to allow 2 year terms to stagger Executive appointments

No update.

Club Support and Administration – standing items. Updates if any required

Flight Training

See comments from CFI and regarding SFI conference.

Governance training

Fair Trading workshops have been attended by Tim Nolan and Graham Hutchinson. No direct action required but information from the workshops will be incorporated into club guidance and assistance provided.

Business Cases for grants and Applications for field/event status

No update required.

Member Registration

No update required.

Establishing a New Club – video guide

No update required.

General and New Business:

1. The next Business Meeting of Aeromodellers NSW will be held in Sydney at DOOLEY'S Waterview Club, Cnr Clyde St & Silverwater Rd, Silverwater commencing at 8pm on **Friday 6th October 2017**. **Note** that this is a week earlier than originally planned to avoid a clash with an event in ACT. All members and visitors are welcome.
2. Tim Nolan then presented the latest draft of the ANSW strategic plan which will now be circulated to all member Clubs to share with their individual membership.

There being no further business before the meeting, the meeting was declared closed at 09.16 pm.

Appendix 1

Inbound correspondence from MAAA – State flying instructor conference (correspondence M 1.1)

Dear Presidents and Secretaries,

At the 2017 MAAA Council Conference it was decided to adopt the Instructor training system as demonstrated by MASA as the MAAA Australian standard. It was also decided to hold a National State Flying Instructors (SFI) conference in Adelaide later this year for all SFIs to attend and receive and update on the system. Details of the SFI Conference are as follows; it would be appreciated if you could pass this information onto your SFI.

Date 19-20 August 2017

Accommodation will be at the **Sage Hotel Adelaide | Chifley on South Terrace**
a: 208-226 South Terrace, Adelaide, SA 5000

MAAA will cover the cost of each SFIs airfares and accommodation for the dates indicated.

The Conference will commence on the Saturday morning and conclude at about midday on the Sunday which should allow everyone to catch flights home on the Sunday afternoon. Please make flight booking accordingly.

The agenda for the Conference will be issued closed to the date.

SFIs, please contact **Mr Paul Kumela, MASA Secretary**, paul.kumela@gmail.com who will be arranging the accommodation, **prior to 21 July** with your name and contact details.

Reimbursement of airfares can be arranged through the MAAA Secretary Office on receiving a copy of the flight details and payment. Please provide receipts for any parking or taxi hire also.

Regards

Kevin Dodd
MAAA Secretary
Office: 07 3207 9067 - Mobile: 0411645637

Aeromodellers NSW 2017 Calendar

(Compiled 3 September 2017)

Unless otherwise advised Aeromodellers NSW Meetings are held the 2nd Friday of every other Month.

Sep 2017

9–10	Coota Cup Old Timer Weekend Events - Old Timer Glider, Burford, Duration, 1/2A Texaco, Texaco, Cabin Scramble	Cootamundra	Grant Manwaring	02 6241 1320
16	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
16-17	NSW Pattern Flyers - Gunnedah District	Gunnedah	Felix Nieuwenhuizen	0428 880 633
16-17	NSW Scale State Championship (RAAFMAC) Classes to be flown: F4C, F4H, Clubman Class and Large Scale	Richmond	Chris White	0488 483 088
23-24	Millennium Cup	Gloucester	Fred Lodden	felodden@hotmail.com
23-24	Warbirds Over Coota – ANSW State Field	Cootamundra	Al Roberts	0402 315 312
30 Sep	Eastern States Gas Championships	Wangaratta	Grant Manwaring	02 6241 1320
30	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
1 Oct	Events - 38 Antique, Burford, Duration, 1/2A Texaco, Texaco, Cabin Scramble			

Oct 2017

1	Seaplanes - Regatta Centre	Penrith	Tim Nolan	0412 173 440
6	Aeromodellers NSW General Mtg Dooleys Waterview (Note that this is a week earlier than originally planned to avoid a clash with an event in ACT)	Silverwater	Tim Nolan	0412 173 440
14	NSW Pattern Flyers (CVRCMASC)	Camden Valley	Felix Nieuwenhuizen	0428 880 633
19-22	Twin Cities Float Plane Fly In	Albury	TBA	
21	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
21-22	RCM News F1 Air race Championship (NAAS)	Canberra	Jeremy Randle	0418 390 446
21–22	Wings Over West Wyalong Events - Various Aeromodelling Activities	West Wyalong	Grant Manwaring	02 6241 1320
22	Millennium Cup	Maddens Plains	Fred Lodden	felodden@hotmail.com

Nov 2017

4-5	NSW Pattern Flyers – RAAFMAC	Richmond	Felix Nieuwenhuizen	0428 880 633
4-5	2 nd Annual Australian F5J Trophy (NAAS)	Canberra		http://www.aefanet.com
11–12	Golden West Old Timer Weekend Events - 2CC Duration, Burford, Duration, 1/2A Texaco, Texaco, Cabin Scramble	Parkes	Peter Smith	0423 452 879
12	Millennium Cup	Shoalhaven	Fred Lodden	felodden@hotmail.com
18	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
22-26	Invitational Scale Classic Downunder 2017	Cootamundra	Cheryl Rolfe	cheza1954@iprimus.com.au
24-26	NAAS Annual Mammoth Fly In	Canberra	John Amerigo	0409 917 806
25	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
25-26	NSW Pattern Flyers – Queanbeyan MAC	Queanbeyan	Felix Nieuwenhuizen	0428 880 633

Dec 2017

8	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
9	Seaplanes - Regatta Centre	Penrith	Tim Nolan	0412 173 440
16	Gosford City Electric Float Planes Mt Penang	Kariong	Jaz Cooper	0411 053 339
17	Seaplanes - Regatta Centre	Penrith	Tim Nolan	0412 173 440

Jan 2018

Feb 2018

9	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
10-11	Alan Brown Memorial Old Timer event	Orange	Norman Barnes	norbar1@bigpond.net.au
24-25	Banjo Paterson Scale Rally	Orange	Norman Barnes	norbar1@bigpond.net.au

Mar 2018

3-4	Hunter Valley Championships – Mitchell-Hill	Muswellbrook	Peter Wheeler-Smith	0417 012 611
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Apr 2018

13	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
20-22	45 th Annual WW II & Military Scale Competition Wagga Wagga			www.waggamac.org

May 2018

19-20	Veterans Gathering - Mitchell-Hill	Muswellbrook	Peter Wheeler-Smith	0417 012 611
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Discussion Paper - Review of RPAS Operations (DP 17080S)

“The purpose of this discussion paper is to obtain community and industry views on questions reflecting the terms of reference for the aviation safety review”.

Click on the front cover of the Discussion Paper below to follow the link to CASA’s website.



Club News & General Interest

NSWSAS Club Scale Round 2

Chris White (NSWSAS)

NSWSAS held the second round of Club Scale on the weekend of 22nd and 23rd July at the Camden Valley R/C club at Menangle. Three classes were run over a two day weekend with no wind on Saturday and an honest 10 knots wind on the Sunday. As suggested, three classes are now standard practice for the NSWSAS with:

Advanced (F4C): *This class is for the builder who builds from plans, kits or own designs.*

Open: *Competitors can fly ARFs and is aimed at flyers who have some experience in flying contests but may not have the time to build their own models. Some competitors in this class also buy ARFs and recover them but no additional points are awarded for this change.*

Clubman: *This class is designed for new entry competitors who have no (or limited) exposure to any type of competition flying. Any Scale model is ok for this class.*

At NSWSAS Scale, rounds have no static judging thus allowing more time for flying. All classes fly to FAI rules and scoring follows the same guidelines set by the FAI.

Back to the competition.....

Three rounds flown over two days with some new changes to help with the day to day running. Competitors now are the judges ie: Advanced (F4C) judging the open class and the open class judging the Advanced (F4C) class. The Clubman class competitors sat next to the judges and wrote the scores down. This exposed the Clubman flyers to judging with an experienced judge giving quiet tips and reasons for the scores they awarded. In the past NSWSAS relied on volunteers or competitors who missed out on the event so that they could judge - I think they call that counter-productive...!!! So for now, it's "no judging, no flying". All scores

were posted within five minutes of the flight being completed.

Some great models arrived on Saturday with some stand outs that come to mind. Craig Bryson flew his very large Sopwith Tri plane (in open) which was powered with a 260cc radial. As you can see from



the picture, this model is huge - the engine had enough power to loop from level flight (not sure that that was scale??) with no dropping off at the top. The model had a realistic presentation in the air and was built by Robert Zype.

Graeme Brown (flies in Advanced F4C) who builds one of the finest Scale models that I have seen flew his recently completed SE5A (*see front cover – ed*). Plan is a Dennis Bryant 1/4 scale 85" SE5A and model is from a laser cut kit by Bob Holman. Covered in Sig Koverall. Paint is acrylic auto paint and Took 18 months to build. Engine is an OS GF30 Gas Four Stroke. Radio is a JR 11x and uses a Spectrum 9 channel receiver with Hitech 645 servos Weight is 11.5 kgs.

Graham Harrod flew his now 7 year old Chipmunk (but you wouldn't know it to look at it.) The chipmunk is built from a Roger Pegg plan 82" wingspan 7kg powered by Saito 150. Graham is planning to build 1/4 Scale version of the same model next year.



Ron Artis who flew F3A back in the mid-seventies decided to have a crack at Scale and this was his first event with a new scratch built (from Traplet plan service) Spacewalker. The model has a



new OS FT160 which was a great choice with the cylinder hanging out the side of the cowl. Ron is a good example showing how an entry class (Clubman) allows a return or new competitor to fly in Scale.

James Price had the opportunity to fly this time as he has been Secretary for the NSWAS for the past few years. His model is a Hangar 9 ARF 1/4 scale J-3 Cub, wingspan is 106", weight is 7.5kg, engine is an O.S. FT160 Gemini twin cylinder glow 4-stroke. It has a Microsens onboard glow unit for easy starting. The engine cylinders hang out of the cowl in a scale-like manner. Radio is a JR 12X 2.4GHz TX, RX is Spektrum 8ch, Servos are mainly Hitec 645MG. The propeller is a scale "civilian" prop from Falcon Props. It resembles the original Sensenich propeller used on many J-3s.



Alistair Heathcote flew a model rarely seen in Australian scale contests and it was "The Cassutt Racer" which was a good year racer in the day. The



model is powered by a Saito 100 four stroke power, fuselage covered in aluminium Glosstex, wings and tail in Monocote – weight (4.2Kg). The radio is a Futaba T8FG with high torque Hitec servos. At one third scale it still only had a 70" wingspan.

David McDowell return to scale as well flying his Sig Spacewalker/Sportster using a OS120FS pumped



engine, Graupner MZ24 for radio, the model is fully painted two pack with Sig Koverall. Good to see you back DAVID!!!



Dragonfly / Skipper Improvements

Colin Wardrop (Gosford City)

If you have a Skipper or a water plane that takes time to get airborne....

Just at the moment, flying off the water at Mt Penang is the most fun I have had for decades.

A few months ago I was lucky enough to pick up a second hand Dragonfly which is a clone (or vice versa) of the Hobbyking Skipper. My first flights with the model were made at Moss Field though in retrospect I would suggest the dam would be a better option as models seem to sustain far less damage with mishaps on the water.

The basic model aerodynamics appear to suggest the C of G is far more determined by directional stability (or the lack there of), so the C of G is fairly far forward in terms of the pitch axis. The size and position of the elevator make it relatively ineffective, especially at low power settings. The ailerons on the other hand are quite generous and the small span makes it very responsive in roll. This leads to poor control harmony. In other words, if the stick is moved $\frac{1}{4}$ travel in roll, the elevator would have to move to full travel to get a similar effect.

The design of the hull greatly limits the rotation angle available on land or water. Couple this with the deep delta design of the main wing, which, by plan form requires a considerably higher angle of attack to achieve the same lift coefficient, resulting in excessively high relative airspeed required for lift off.

The control set up that seems to work for me is elevons to assist the elevator which is set to 150% travel. Note the ailerons are so far aft that they have similar power over pitch as the elevator.

To overcome the lack of rotation available, first a 2cm high skid was added to lift the angle of rotation available before the rudder would strike the ground or water. Forseeing the directional issue this would cause, two additional fins were added near the tips. This ski was effective and

could be used on land or water but the added fins were insufficient to overcome the directional issues caused. Also, on the water it was pretty ineffective at lifting the craft high enough to gain much rotation.

So this is why the hydrofoil was added. This has prove to be exceptionally effective, and loads of fun.

A side benefit is that the water taxiing / handling has improved out of sight. Last Sunday the hydrofoil equipped Dragonfly / Skipper literally ran rings around the standard Skipper on the water as it battled to turn at all.

In the pic below you can see it jump out of the water on to its foil. Jim had to be quick or he would have missed catching it still on the water.

The standard take off technique is to taxi to the start of the ground roll (water run), turn off the motor and allow it to weather cock into wind. Then apply full throttle with full back stick; in a metre or so, as it rises on the foil, throttle back to $\frac{3}{4}$ and hold a slight nose high attitude of say 5 deg or so. Allow the model to accelerate to a comfortable speed and climb away. But its more fun to to throttle back a bit more and smoothly skim the width of the dam on the foil before a gentle climb and then fly a circuit to come around and skim the foil as much as possible across the pond. It easily sits on the foil at around half throttle and you have to drop the power right off or the landing skim can take most of the pond. Over rotation is quite a real possibility whereas it virtually had to wait for a ripple to kick into the air before.

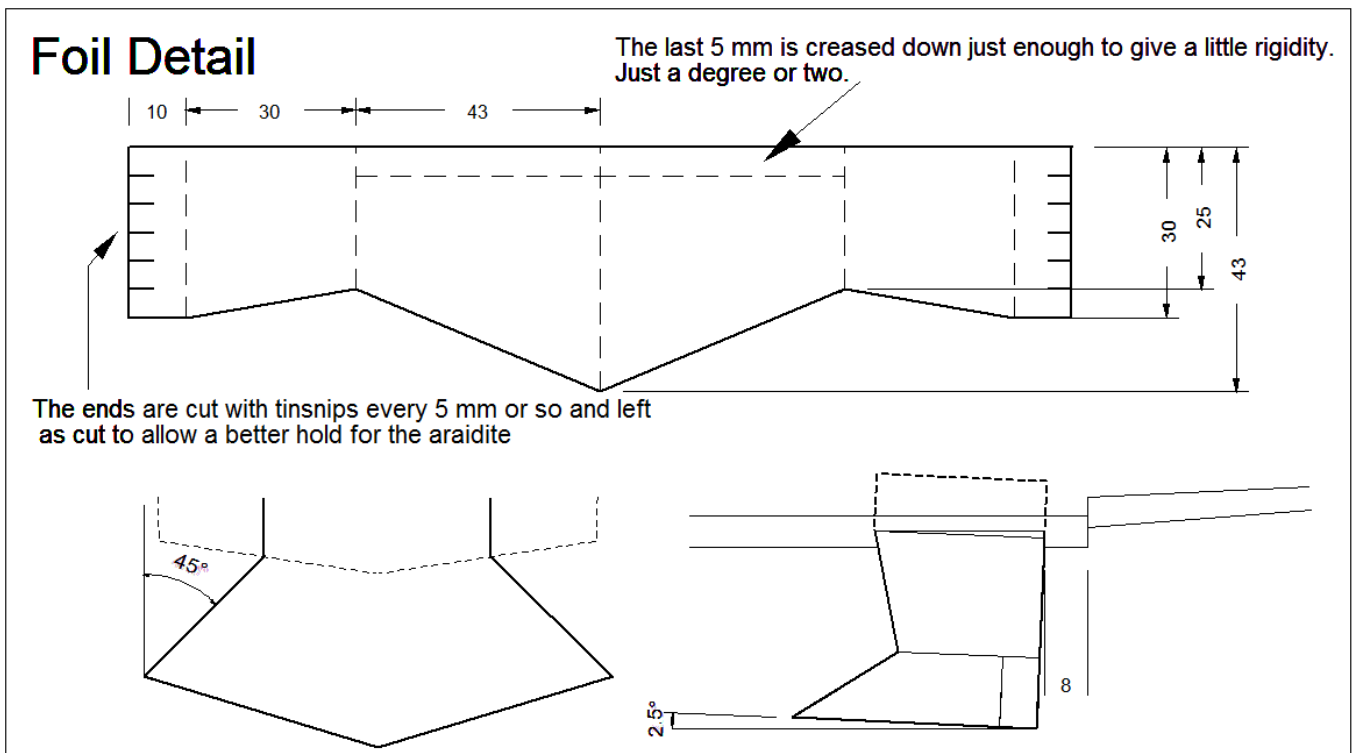
The foil was made from 0.43 mm stainless shim and has a nice spring to it. I like to think adds to the smoothness on the water. The angle and sweep of the foil add to the stability on the water and note, the angles are critical. The foil sits with a slightly positive angle, say 1 to 2.5 deg. to the bottom of the hull. The foil pictured is Araldited into the bottom but could be slotted into the side and held

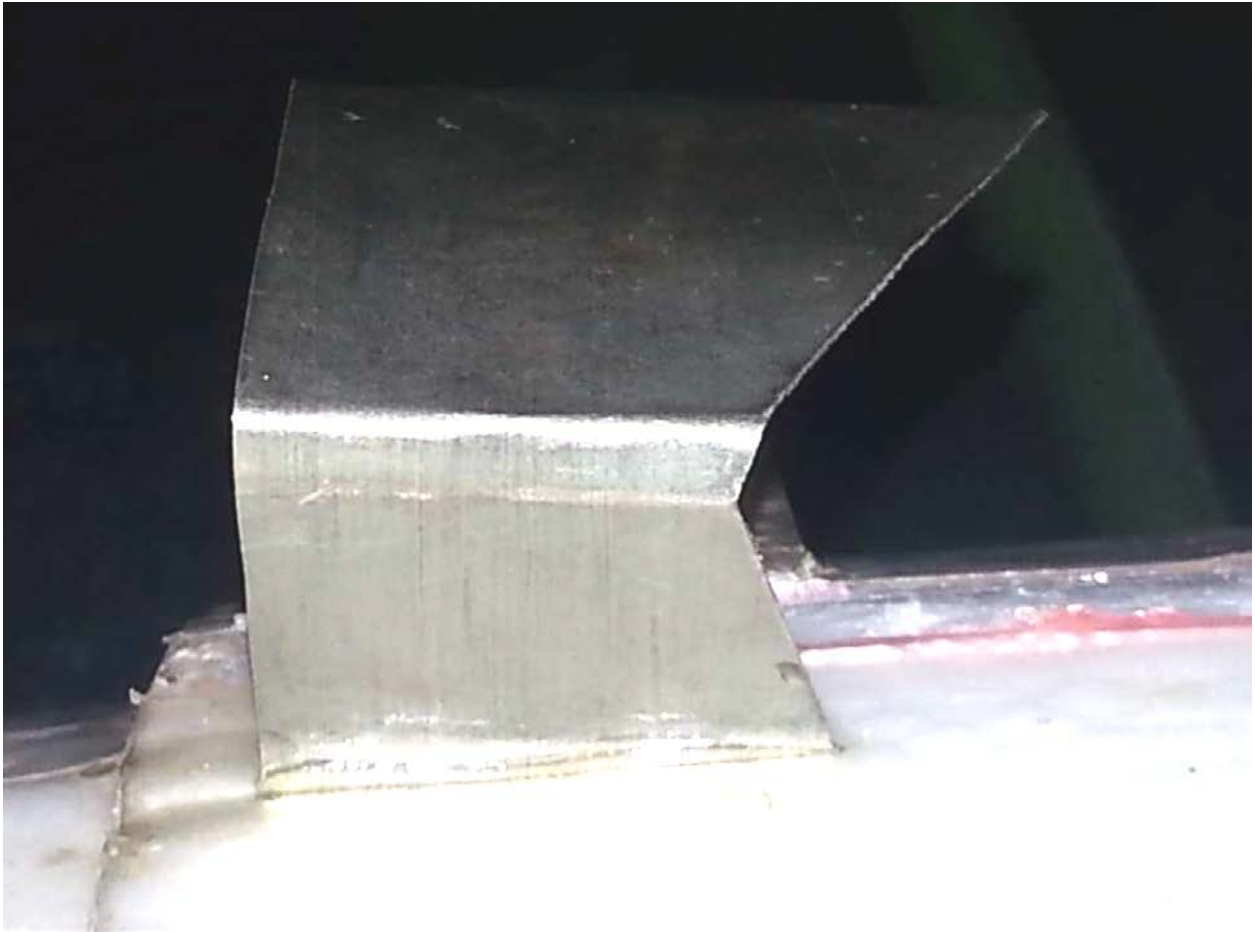
with tape to allow removal for land operation if desired. The long and short of it, last Sunday while Moss field lived up to it's name & you land lubbers

were at Home moaning about the mud slosh and soggy field, we were having an absolute ball off the Dam.



Note that she is up on the foil in metres say 1.5 and accelerating rapidly (Thanks Jim for the photo)





Upcoming Events

Gosford City Aeromodellers Club 2017 Regular Events - All Welcome Electric Float Planes



GCAC has a freshwater float plane site in the Mt Penang complex at Kariong

7 to 10am, \$5 to fly.

Saturday September 16th
Saturday September 30th
Saturday October 21st
Saturday November 18th
Saturday November 25th
Saturday December 16th

Indoor Flying

Niagara Park Stadium,
Narara Valley Drive, Niagara Park

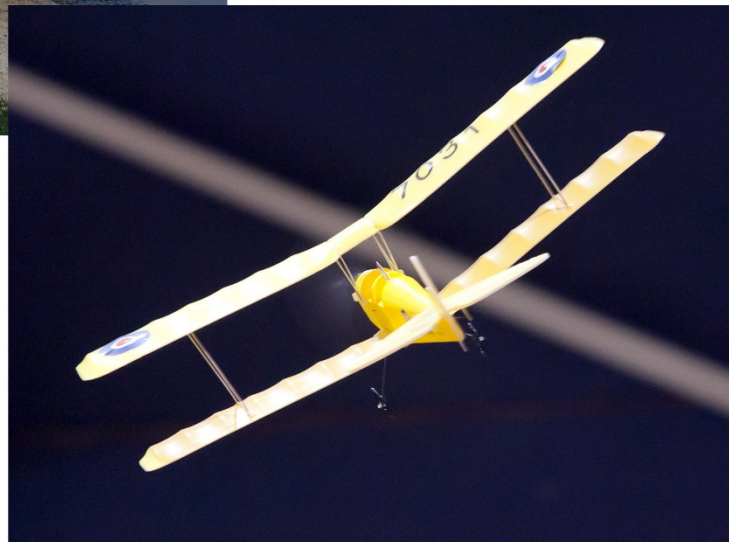
\$15 for an afternoon of indoor fun

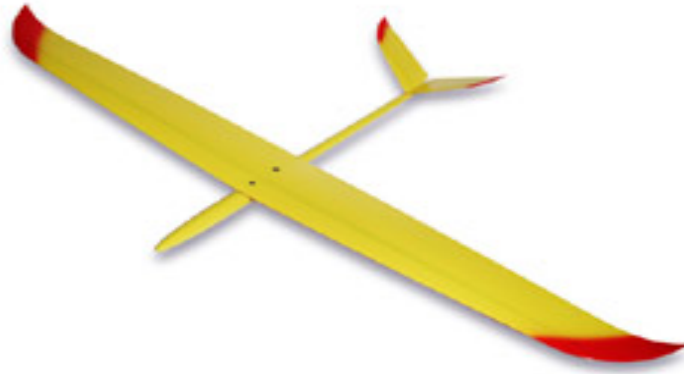
Sunday August 20th 1-5pm
Sunday September 17th 1-5pm
Sunday November 5th 12-4pm ***New Time**

GCAC is an MAAA Club
All Members Welcome

See www.gcac.org.au,

email secretary@gcac.org.au or call Jaz Cooper on 0411 053339 for more information





Millennium Cup dates for 2017

January 15	Appin
February 12	Goulburn
April 9	Lake George
May 21	Salt Ash
September 23 & 24	Gloucester
October 22	Maddens Plains
November 12	Shoalhaven

* = awaiting confirmation of dates

Millennium Cup Committee contact details:

Les Morris - carolandles@optusnet.com.au
Fred Lodden - felodden@hotmail.com
Paul Gibson - piglytoo@gmail.com
Doug Lacey - doug1947@bigpond.com

NSW Scale State Championships

16th & 17th September 2017

Hosted by RAAFMAC
(Richmond NSW)



State championship categories:

- **F4C** – FAI Rules for Static and Flying components
- **F4H** – FAI Rules for Static and Flying components
- **F4G** – FAI Rules for Static and Flying components

Non-state championship categories:

- **Clubman** – a flying only category for novice pilots & those with little competition experience. Any type of fixed wing flying scale model aircraft can be entered in this category - ARF, BOM, etc.
- **Open Scale** – a flying only category for more experienced competitors. Aimed primarily at out of the box ARF or prebuilt non-BOM models, however any type of fixed wing flying scale model aircraft can be entered in this category.

Pre-entry required. Flying will commence at 10:00am Saturday and 9:00am Sunday.

Contact: Chris White – 0488 483 088 Email: nswscale@gmail.com

Big Prize money on offer (F4C,F4H,F4G)
\$15 entry fee
\$25 for non-NSWSAS members



Brothers From Other Mothers Presents

Warbirds Over Coota

ANSW State Field September 23rd & 24th 2017



B • F • O • M

APPLY TO:
B•F•O•M
RECRUITING
CENTRE
Muttama Rd
Cootamundra

Open To All MAAA Members \$30 Entry Per Pilot
Free Onsite Camping Toilet & Shower Facilities
Canteen Open All Weekend \$25 Roast Dinner & Desert Saturday Night
4921 Muttama Rd Cootamundra
Contact: Al "ACE" Roberts 0402 315 312



All Aero modellers & MAAA members are invited to join us and participate in our scale aircraft community. bring your scale plane , project , or anything scale aircraft related (books, plans, photos etc.)
Further Info: Ring Ian McInerney on (02)46571618





NAAS AEROTOW

13-14-15 October
2017



FUN FLY Event

The objective of the event is to provide Aerotow Glider launch opportunities to a wide audience of RC flyers. Experienced and introductory pilots are welcome to get some “Stick time” while being held aloft by the energy of the rising air currents courtesy of the warm NAAS valley Sun.

We already have two 1/3 scale (150cc and 100cc) tug aircraft confirmed for the event so you should have no trouble getting aloft throughout the weekend. Flyers are also encouraged to bring their electric powered gliders, though priority will be given to aerotow launches for Safety reasons.

- | | |
|---|-------------------------------------|
| - Pilot event entry fee \$25.00 | <u>Enjoy the great NAAS site:</u> |
| - Dinner available Friday night. | Camping available \$15.00 per night |
| - Saturday night roast/baked Dinner at the field \$25.00 per head | Toilets and shower provided. |

Food and drink, tea and coffee will be available all weekend

The National Aeromodelling and Aviators Society (N.A.A.S) is situated in the Namadgi National Park in the NAAS Valley in A.C.T just south of Tharwa.

Register for the event : <https://goo.gl/forms/GwLrJEor6UBNApmO2>

Web: www.naas.org.au Contact Dino: 0407356527 or Email: naasact@outlook.com



Twin Cities Model Aero Club

Albury

Seaplane Weekend

Fri 20th to Sun 22nd Oct

with catering



**Lake available for flying Thursday 19 to Monday 23
no catering Thur/Mon**

- ★ Perpetual trophy
- ★ Full catering at the Lake
- ★ Complementary breakfast for entrants on Sunday morning
- ★ Lunch time Polaris Pylon racing spectacular
- ★ Contact David Balfour on (020) 60433169 or 0407953903

Table Top Reserve Old Sydney Rd
Ettamogah GPS s 35 58 506 e 147 02 754



RCM News F1 Air Race Championship Sat 21st and Sun 22nd October 2017

Formula 1, Formula 2, Red Bull, AT6 Texan, Reno, Golden Era
Sat night dinner at the field, ★★★★★ on field Camping or local Hotels

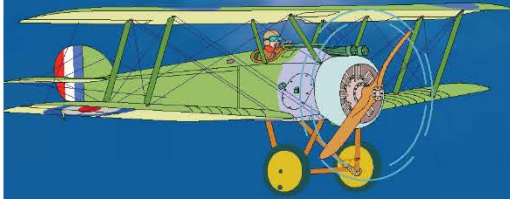
Australian Large Scale Pylon Racing: www.facebook.com/groups/LSRCA/

F1 Air Race Championship: rcmnewssjg.wixsite.com/f1nar

Information: www.naas.org.au

Contact: Jeremy Randle 0418 390 446 airracecanberra@gmail.com





**Camden Valley Radio Control
Miniature Aviation Sports Club Inc.**
The Secretary, 25 Clydebank Cr, Glen Alpine 2560

SCALE RALLY

C.V.R.C.M.A.S Club Field
Saturday 28th October 2017 9am to 4pm
Also welcome to fly on Sunday 29th.

Note: 2.4 GHz only on Sunday.

All classes of aircraft excluding turbines and helicopters.

Bring your stuff to Swap or Sell.



Where are we?

We are off Menangle Rd. Turn on Glenlee Rd and follow the signs.
Entry Fee of \$12 per pilot, which includes a free drink of your choice.
BBQ food & drinks available.

Contact: Paul Phibbs (Secretary) 04111 39980
Email: CamdenValleyRCMASports@gmail.com

2nd Annual Australian F5J Trophy



The Australian perpetual F5J trophy 2nd annual event is to be held at the NAAS field near Canberra
Presented by the AEFA in conjunction with the NAAS Club

Two days of flying 4-5 November 2017 Two classes - Open F5J and Limited F5J



**Dave's Toys
for Big Boys
Open F5J
Trophy**
up to 4.0m class



**Modelflight
Limited F5J
Trophy**
up to 2.6m class

First prize:
30A or 40A Power Supply
- winner chooses
www.hyperionaustralia.com.au



First prize:
Ultra Power AC400 Duo
Charger
www.modelflight.com.au



Other Sponsors:

Dave's Toys and Modelflight will also donate items
flyelectric.com www.flyelectric.com
Sky Soaring Robots www.skyrob.com
AEFA www.aefanet.com

Product types distributed to Participants:

Electric Motors LiPo Batteries
Battery Checkers Folding prop blades
Prop adapters Speed Controllers
Servos Spinners

Special Feature: Seminars by the F5J team that competed in Slovakia. Learn about how they do it overseas and prepare for the World Championships

Pre-registration required - Entries close 28 October - see the AEFA web site for a registration form:

www.aefanet.com

Prizes for placegetters - and a give-away of products by draw from the hat - \$50 entry fee
Data loggers available for loan - just bring your electric glider. Food available on the field.
Enjoy the great NAAS site - camping permitted \$15 per night - toilets and shower provided.

INVITATIONAL SCALE CLASSIC

NSW STATE FLYING FIELD
COOTAMUNDRA
22nd - 26th November



- Masters
- Expert
- Team
- Pro-Expert
- Flying Only

Camping at the field - Toilets / Hot Showers

Saturday Gala Prize Night & Presentation

Contact - Cheryl Rolfe

cheza1954@iprimus.com.au

DOWNUNDER 2017



NAAS Annual Mammoth Fly-In 24-25-26 November 2017



FLY-IN
Primarily large models, but if you want to be part of this great experience bring what you have.
Field will be open from Friday Morning

Pilot entry Saturday & Sunday \$35.00
Saturday night **roast/baked** Dinner at the field \$25.00 per head
Enjoy the great NAAS site:
Camping available \$15.00 per night
Toilets and shower provided.

Food and drink, tea and coffee will be available all weekend

To register and assist with catering please use this link address:
<https://goo.gl/forms/qCf1PZhoCu1IDxav1>

For more information will become available, please refer to:
Web: www.naas.org.au Email: naasact@outlook.com

38th Armidale Sailplane Expo

January 25 to 29, 2018

New England Model Aircraft Club and the Sailplane Expo Trust invite you to beautiful Armidale on the New England Tablelands for the 38th Sailplane Expo. Events will be Australian Open Thermal (10 min flight in 12 min working time, 150m lines, FAI landing tape, all rounds count) and F5J (10 min flight envelope, max 30 sec motor run, F5J landing tape).

F5J will be held as a stand-alone event from 1130 -1630 Thursday January 25 and 0900 - 1630 on Friday January 26.

Open Thermal will be held as a stand-alone event from 0900-1630 Saturday January 27 and 0900-1300 Sunday January 28.

The field will be available for practice Wednesday January 24, 2018

The field is on the left of Warrane Rd Dumaresq, approx 3.5km from Booralong Rd turnoff.

Google Maps Co-ordinates -30.444252,151.518692

We look forward to seeing you all again. Bring your MAAA membership card with you.

More details :- Hutton Oddy 0425 285 758 or vhoddy@gmail.com

AIRSHOW

Bring the family for a great day out!

Food and Drinks available

WAGGA MODEL AERO CLUB

PRESENTS

THE 45TH ANNUAL

WORLD WAR II & MILITARY SCALE COMPETITION



Scale radio controlled models on display & flying
throughout the 3 day event

FRIDAY, SATURDAY & SUNDAY

20TH 21ST & 22ND APRIL 2018

MODELS FLYING FROM 9.00AM – 5.00PM

15KMS SOUTH OF WAGGA ON THE OLYMPIC HWY

For directions or more information check out our website at www.waggamac.org

Looking For

I'm looking for a plan of the Transavia Airtruk, either from Airborne Mag or the large scale one that used to be available from NZ.

If you can help, please contact Geoff on geoffro4u@bigpond.com, or 02 65683048

**Deadline for submissions to Newsletter #401
(October 2017) is
Tuesday 12th September 2017.**

*Please forward any changes of mail or email address together with your
AUS Number directly to the Registrar.*

dave.lewis@internode.on.net