

MINIATURE —————>
AERO SPORTS
NEW SOUTH WALES INC.



The new mezzanine viewing deck at the Cootamundra State Field.

Photo via Bob Bishop (CMAC)

Contents

Diary Notes	3
Contacts	3
March 2013 Business Meeting Minutes	4
MASNSW 2013 Events Calendar	12
CIAM Flyer No. 1-2013.....	14
66th MAAA Nationals 2013	16
Electric Old Timer Nationals Report.....	16
Radio Control Program	18
Bulletin 1 - 2013 Australian National Championships for Radio Control Precision Aerobatics	20
Bulletin 2 - 2013 Australian National Championships for Radio Control Precision Aerobatics	21
66 th National Championships Free Flight (Postponed Events).....	25
Club News	26
What's Going on at the Cootamundra State Field?	26
MASNSW Cootamundra Scale Rally March 1-3 2013.....	27
Upcoming Events	31
TARMAC 40 th Anniversary Fun-Fly	31
RC Precision Aerobatics - 2013	32
Wagga Wagga Model Aero Club 40th WW11 and Military Scale Event	33
NSW Pylon - Racing at Illawarra.....	34
COMSOA Scale Fun Fly.....	35
Warialda Australia's First Spad Fest.....	36
Coffs Harbour Sports & Scale Fly In	37
Gunnedah District Aeromodellers Scale Rally	38
Lake Cullulleraine R/C Float Plane Festival	39
NSW FFS Richmond Scale Rally	40
Find a Word	41
For Sale	42

Diary Notes

Next MASNSW Meeting

Friday 12th April 2013, 8:00pm at Garden Terrace Room, Workers Parramatta, 163-165 George Street, Parramatta.

Following MASNSW Meeting (AGM)

Friday 10th May 2013, 8:00pm at Garden Terrace Room, Workers Parramatta, 163-165 George Street, Parramatta.

Newsletter #355 (May 2013) deadline for submissions

Tuesday 16th April 2013.

Contacts

President / CFI	Bob Carpenter	president@masnsw.org	02 4577 6612
Secretary	Tim Nolan	secretary@masnsw.org 74A Burdett Street, WAITARA 2077	0412 173 440
Assistant Secretary	Don Costelloe		
Registrar	David Lewis	dave.lewis@internode.on.net PO Box 7291, SOUTH PENRITH 2750	02 4736 2611 0407 705 224
Treasurer	Bob Bishop	treasurer@masnsw.org	02 9533 2603
Editor / Webmaster	Rob Masters	newsletter@masnsw.org PO Box 7291, SOUTH PENRITH 2750	0418 160 295
Public Relations Officer / State Field	Steve Norrie	publicrelations@masnsw.org	0418 874 740
Education Officer	Mike Close	educationofficer@masnsw.org	02 9872 6469
Deputy CFI North	Martin Cochrane	mwc.scale@bigpond.com	02 6658 2364
Deputy CFI South	George Atkinson	dcfis@exemail.com.au	0414 972 118
CASA Liaison	Daniel deVries	casaliation@masnsw.org	0403 973 160

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

Miniature Aero Sports NSW Inc

MINUTES

Business Meeting
Workers Parramatta
8th March 2013

Meeting Opened 8.00pm

Attendance: W Swan UMAC, G Atkinson WRCS, R Masters WPMAC, S Norrie NSWAS, R Carpenter HMAS, D Lacey SSME, K Barnes PRCAC, E Ashley Cootamundra MAC, B Thrift CVRCMAC, R Bishop CMAC, M Stone HSL

Visitors: S Murray PRCAC

Apologies: D Costelloe QFS, D Lewis WPMAC, B Baldwin CMAC

Minutes: Motion that the minutes of the meeting held on the 8 February 2013 as distributed in Newsletter 353 be accepted as a true and accurate record of that Meeting.

Moved: UMAC **Seconded:** WPMAC **Carried**

Business Arising:

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

Correspondence In From MAAA

- M 1.1 Copy of incident at SHMAC from 16 January 2013
- * M 2.2 CIAM possible rule changes to F4C
- M 2.3 Nominations sought for the position of MAAA President
- M 2.4 Nominations sought for the position of MAAA Vice President
- M 2.5 MAAA Executive Minutes January 2013
- M 2.6 CIAM Flyer 01-2013
- M 2.7 Additional Information sought re loan for Hastings Radio Modellers
- M 2.8 Advice on closure of SHMAC incident 16.1.13

From other than MAAA :

- * C 2.1 Registrar, rules/instructions for the MASNSW Forum
- * C 2.2 W Swan, F3C world championships, funding questions
- C 2.3 L Wall, Public Display at Tottenham Race Course 16/3/13
- * C 2.4 Blacktown Workers, confirmation of fee waiver for Meetings at Parramatta
- C 2.5 D Foster, replacement card requested (forwarded to Registrar for attention)
- C 2.6 C Hutchison, SHMAC, Nomination for Flight Training Course

- C 2.20 Received completed Large Model Permits to fly forms from the following:
T McDonald - SMAC, D Maher - SNMAC, B Baldwin - CMAC, R Clark - WRCS,
S Downing - Wyong Valley, R Martini - AEMAC, D Sutton – ROW, D Murray – CVRCMAC,
T Sparkes –WRCS (x2), W McGuinness – CKSMAC, T Nolan – ROW, M Hage - HRMC

Late Permits: R Sutinen IMAC

- C 2.21 Received Cancelled Large Model Permits to fly forms from the following:
Nil
C 2.22 Newsletters Received:
MASA

Late Correspondence:

Correspondence Out:

To MAAA:

- M 2.2 Possible rule changes to F4C
* M 2.3 Notice of motions for MAAA Council Conference
C 2.2 W Swan, advice on sourcing MAAA funds for F3C
* M 2.4 MAS NSW has no comment to make in relation to the CASA Airspace enquiry

To other than MAAA:

- C 2.1 Circulation of the MAS Forum guidelines
C 2.2 Details and advice sought from MAAA
C 2.3 Public Display application to CASA Liaison Officer
C 2.4 Blacktown Workers Club, use of Parramatta meeting room for 2013.
M 2.7 R Wilson, additional information sought re loan

Business Arising from Correspondence:

Motion that the inward correspondence is accepted and the outward correspondence be adopted

Moved: CVRCMAC **Seconded:** WPMAC **Carried**

Reports:

Treasurer: **Bob Bishop**

Business arising from the Treasurers Report:

The Treasurer made special mention of the accuracy and quality of accounting for MAS NSW funds at the State Field by the Cootamundra Aeromodellers.

Motion: That a letter of appreciation be sent to the Cootamundra Aeromodellers Association for their efforts with the State Field and recognition of the quality of the accounting for the expenditure of MAS NSW funds at the state field.

Moved: SSME **Seconded:** HSL **Carried**

Motion that the Treasurers report be accepted and accounts be approved for payment.

Moved: WRCS **Seconded:** SSME **Carried**

Other Reports:

President

Bob Carpenter

Over the next two months we will be calling for nominations for the MAS Executive for 2013-14. I would like all our members to consider applying for these positions. We need to give MAS NSW a plan for succession and it is by having new blood in the executive that we can start this process. Our AGM will be held on Friday 12th May with nominations closing on Friday 26th April.

Over the weekend of the 2nd and 3rd of March MASNSW hosted a large model Fly-in at our State Flying Field in Cootamundra. As it turned out the weather was fine but the winds were between 25 and 35 Knots with some heavier gusts. There will be a separate report on this event but the outcome of this was a decision to hold a MASNSW Mass Fly-In next March. We will be putting the details together over the next few months as we see that this event will allow all of MAS NSW members to attend and fly at the new complex. This will be for all categories of models. We have enough space for multiple runways to ensure safety. We are planning to hold a Country meeting and a BBQ on the Saturday night. If you are interested watch your newsletters over the coming months for more details.

The MAAA Annual Conference will be held in Melbourne on the 17th-18th May where elections will be called for a New President and possibly a new Vice President. This is as a result of the resignation of the previous President. Nominations for these two positions are open to all members of MAAA and close on the 19th April. This conference will present the outcomes of the Strategic Workshop held in February, with voting on the way forward for MAAA. I see this as a major step forward and our members can rest assured that your ideas and suggestion have been put forward by your representatives. We look forward to both the Conference and reporting back to our members on the outcomes.

Our web forum has two new sections. The open area has an area for notification by clubs of upcoming events and activities. These can be any activity that you wish to publicise across our membership. Our first entry in this was a notification of a Scale Fly-In at Camden Valley and this was followed up a few days later with a notification that the event was cancelled due to forecast rain, which did happen. This showed the efficiency of the organisers being able to use the web forum easily and efficiently for notifications. There is also another available after log in to allow clubs to discuss items of common interest between themselves. I feel that this forum is working as the total number of hits since inception is approaching 1000.

Vice President/Secretary

Tim Nolan

I have been assisting MAAA with the destruction of the old cards that were used to manage the membership prior to the current computerised database. Prior to the MAAA Conference in May I would appreciate any feedback as to what sort of material should be kept for historical value. There is no doubt that any items that relate directly to model aviation in Australia should be retained, but I question the value to keep old British and American publications for example. Clearly older models and those that have set Australian and or world records etc need to be retained and also maintained.

We also hold a number of books on various aircraft types, and the history of flying (full size) etc and all of this information is readily available on the internet so the question needs to be asked does it relate directly to model aviation in Australia?

Registrar

Dave Lewis

Current Year		New to System	As of Mar 2012
Seniors (Includes Pensioners)	2259	250	2200
Juniors	115	40	96
No. of Clubs	86		93
Total Membership	2374	290	2296

CASA Liaison Officer Daniel deVries

The approval for Cootamundra is progressing well and should be finalised in the next month, after some additional information was requested and has been supplied.

Chief Flying Instructor Bob Carpenter

The next Instructors Course and Workshop will be held at Taree on the 15th and 16th June. We have had plenty of requests to provide a course in the north of the State and if you interested please provide a request to attend through your club Secretary, to myself or Tim Nolan, the State Secretary. Those who currently hold an Instructors rating and wish to attend with a view to updating their skills are welcome. These current Instructors only need to advise that they would like to attend. New Applicants need to be holders of Gold Wings for their category before attending the course.

State Flying Field Secretary / PRO Steve Norrie (delivered by Ted Ashley)

The contractors carrying out work on the field have been busy since the last report.

The roadway has been finished all the way to the inner gate, please keep your speed at 20KPH as the surface will be thrown off the side with excessive speeds. The cattle grid at the inner gate should be installed by Easter.

Work on the shower, complete with a gas powered hot water system, has commenced and is expected to be complete by the end of the month.

The mezzanine viewing platform only requires minor work to finish the job, this will be complete within the week. Over the weekend of 1st to 3rd of March some 50 members visited the field all of whom were suitably impressed with the mezzanine.

The Cootamundra Aeromodellers Association members have been busy investigating watering systems for the runways, all of the available options will require a larger rain water tank. The investigation is ongoing. Mr Ted Ashley gave the meeting an overview of one of the systems that is currently used by the local horse racing club.

Sub Committee reports:

Education Sub Committee Report 2012/13

As usual there has been a steady demand for Delta darts to be used as part of an MAAA Education Program. The demand from NSW has not been high but most existing programs have continued. A new initiative at a major private Grammar School is currently being looked at.

As Chainman of the MAAA Education Subcommittee I have believed for some time that the current program needs to be revitalised and expanded beyond the format that historically proved to be very

successful. This program has been based almost exclusively on the Delta Dart product and education material that supports it.

It is recognised that individual MAAA members, whether on the Education Subcommittee or outside it, have developed programs that have gone well beyond this scope at a local level. However, the information has not been presented and coordinated into a national resource.

The intention this year was to review the purpose of the education scheme and propose Terms of Reference to the MAAA Executive for the future of MAAA Education. This would include the purpose of the Education Scheme and who the target audience or audiences should be. After approval this would then be progressively implemented by the Committee.

The process decided on and agreed by the Committee was to conduct a brain storm and then discuss and rationalise agreement based on consensus. Several cycles of this were conducted but it became apparent that there was a wide difference of opinion between the various members of the Committee. Whilst this was very much more significant than I had hoped the possibility of it was the reason why I limited the discussion to within the Committee rather than seeking further input beyond what I had already received from within NSW.

In response to this impasse I intended to work through a more complex process than originally planned. On further reflection to do this by electronic means seems to be very time consuming with the possibility of not achieving consensus anyway. As the preparation work was already underway for the MAAA Strategic Planning Conference it seemed that whatever the Committee arrived at might be inappropriate so I decided to offer the favoured options by the various members of the Committee to the Conference so that they could be considered as part of the overall MAAA Strategy. Indeed the discussion paper put out by MASNSW asked for a wider input on this topic from the clubs anyway.

As at this date no feedback has been received from the Conference.

I am prepared to be nominated again by MASNSW to serve on this Committee and to continue as Chairman for 2013/14. I hope that next year some real progress can be made to revitalise this important activity



Michael J. Close
Chairman - MAAA Education Subcommittee
MASNSW Representative

9th February 2013

Glider Sub Committee report

Alan Lowe HSL

Activities for the period to end January 2013:

Major activity during the past 12 months has been the preparations for and conduct of the MAAA 66th Glider Nationals in conjunction with Hutton Oddy from NEMAC club. I was the Contest Director for F3J and Open Thermal events.

Call for clubs to hold F3F selection trial – no NSW club proposal and no nomination from any other state - agreement not to hold trials in 2012.

Call for clubs to hold F3K selection trial - no proposal from any NSW club, nomination received from RCGA Victoria to hold F3K selection trials - agreed.

Submitted a proposal to MAAA for F3J selection trials for 2014 worlds to be held at LSF tournament in June 2013 and responded to queries from MAAA Contest Secretary in conjunction with MAAA SIG LSF Australia.

Assisted to conduct a pole of glider enthusiasts for proposed changes to CIAM F3J rules with feedback to MAAA FAI Soaring committee representative.

Note Chris Adams has resigned as Chair of the Glider Sub Committee and has called for nominations for the role.

Technical Radio Subcommittee Report 2012/13

Once again this year the majority of the Subcommittee efforts have been on 2.4 GHz.

During the year the evaluation team have looked at and evaluated three radio systems for suitability for the Committee recommending to the MAAA Executive that they be added to the accepted list in MOP058. These have been added to the list. A fourth system is currently being evaluated. The evaluation is undertaken by me with Bill Kent and Con Vologiannis. Correspondence has also been exchanged with other manufacturers and importers.

The guidance in MOP058 has been changed in the light of on going experience

In addition the MAAA Secretary passes, on average at least once a month, an enquiry from a member that does not slot into a previous answer on the FAQ section on the Web Page. The Chairman usually answers these but does get advice from others if needed.

I am prepared to be nominated again by MASNSW to serve on this Committee and to continue as Chairman for 2013/14.



Michael J. Close
Chairman - MAAA Technical Radio Subcommittee
MASNSW Representative

9th February 2013

Motion to accept Reports as received

Moved: CVRCMAC **Seconded:** WPMAC **Carried**

Awards:

Applications received for the approval of MAAA Fixed Wing Power – Bronze Wings:

Reece Hewitson	GCAM	76441
Ken Critchley	HEMFC	59775

Applications received for the approval of MAAA Fixed Wing Power – Gold Wings:

Scott Russ	RAAFMAC	63970
------------	---------	-------

Peter Hagley

SHMAC

54551

Applications received for approval for MAAA Fixed Wing Power Instructors

No applications received

Applications received for Approval of Commercial Model Aircraft Flying Instructors:

No applications received

Applications received for the approval of MAAA Helicopter - Bronze Wings:

No applications received

Applications received for the approval of MAAA Helicopter - Gold Wings:

No applications received

Applications received for approval of MAAA Helicopter Instructors

No applications received

Applications received for the approval of MAAA Glider – Bronze Wings:

No applications received

Applications received for the approval of MAAA Glider – Gold Wings:

No applications received

Applications received and approved for MAAA Glider Instructors:

No applications received

Moved: PRCAC **Seconded:** NSWAS **Carried**

MAAA Inspector Approvals:

Heavy Model FW 25 Inspector Approvals

Nil received

Heavy Model RW 25 Inspector Approvals

Nil received

Giant Model FW 50 Inspector Approvals

Nil received

Giant Model RW 50 Inspector Approvals

Nil received

Gas Turbine Inspector Approvals

Nil received

MASNSW POINT SCORE COMPETITION AWARDS 2012:

The following Clubs/Organisations have qualified for the \$ 50.00 Reward for submitting Point Score Events results within four weeks of the event being run.

Submitted by Dave Lewis:

Shoalhaven MFC Pattern/ Aerobatics Shoalhaven Feb 2013

I respectfully ask that payment be made and forwarded to the Secretary of each of these Clubs.

Motion to accept these awards.

Moved: WRCS **Seconded:** SSME **Carried**

General Business:

The first item of General Business is:

The next Business Meeting of MASNSW will be held at the Garden Terrace Room, Workers Parramatta, 163-165 George Street, Parramatta on the 12 April 2013. The meeting to commence at 8.00pm, (2000hrs), All Members, Observers, and Visitors are welcome.

The President addressed the meeting on a recent article in the Daily Telegraph on the growing public awareness of RC drones and their increasing use and public profile. It was also discussed that some of these are commercial operations, but it was acknowledged that because of their price they are becoming very appealing to the average modeller, both within and outside of the MAAA.

Discussion of agenda items for the MAAA Conference.

- The value of sub committees and their worth / relevance
- Removal of the field levies
- Removal of the field levies account
- The interest that MAAA receives should be treated as income and factored into the costs of



MASNSW 2013 Events Calendar

(Compiled 16/3/2013)

- Those Events marked with an * are MASNSW Point Score Events.
- Unless otherwise advised MASNSW Meetings are held the 2nd Friday of every Month.

March 2013

* 23-24	Thermal Glider Heathcote Cup	Maddens Plains	Fred Lodden	02 8576 6431
24	Blacktown Aeromodellers Club Electric Fly-In	Doonside	John Kastelan	02 9671 2340
28/3-1/4	SAM1788 Old Timer Championships	Canowindra	Grant Manwaring	02 6241 1320
29-31	66th Nationals - Electric Glider Events	Cootamundra	Peter Pine	02 6676 1437

April 2013

* 6-7	Pattern / Aerobatics	Illawarra	Richard Knox	0417 483 689
12	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
12-14	Twin Cities Autumn Scale Rally	Albury	David Balfour	02 6043 3169
13-14	TARMAC 40th Anniversary Fly-In	Tamworth	Richard Exler	0438 314 882
14	2m Thermal Glider Millennium Cup Round 3	Lake George	Stan Rucinski	0409 917 806
27-28	Wyong River 4th Old Timer Weekend	Wyong	Basil Healy	02 4341 7292
26-28	66th National Championships – Pattern	Pitt Town	Richard Knox	02 4446 1021

May 2013

4-5	Veterans Gathering	Muswellbrook	Phillip Thichtener	0417 725 981
10	MASNSW AGM	Parramatta	Bob Carpenter	02 4577 6612
* 12	Sportsman Pylon	Illawarra	Jeremy Randle	0418 390 446
16-19	Helifest 2013	Coffs Harbour	Scott Lockyer	0488 528 353
18-19	COMSOA Scale Fly In	Metford (Maitland)	Paul Robertson	02 4946 8334
18-19	Sydney City IMAC – ASAA Aerobatics	HMAS Vineyard	James Owen	0412 573 379
19	2m Thermal Glider Millennium Cup Round 4	Salt Ash	Paul Gibson	0425 356 533
25-26	NSW State Champs - Large Scale	Taree	John Rolfe	02 9734 6288
25-26	Pattern/Aerobatics	Queanbeyan	Richard Knox	02 4446 1021

June 2013

* 1-2	Sportsman Pylon	Pitt Town	Jeremy Randle	0418 390 446
1-2	Spad Fest	Warialda	Laurie Reily	02 6729 4165
14	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
8-10	Sport and Scale Fun Fly	Coffs Harbour	Norm Young	0434360813
8-10	LSF Nat'l Glider Event / F3J Team Selection Trials	Jerilderie	Alan Lowe	0416 207 251
8-10	Parkes Pow Wow – ASAA Aerobatics	Parkes	Lindsay Wall	0428 625 305
15-16	Pilots Choice Scale	Gunnedah	Paul Hartley	02 6742 1926
* 15-16	New England Gas Champs – Old Timers	Tamworth	Basil Healy	02 4341 7292
* 22-23	Pattern / Aerobatics	Wingham	Richard Knox	0417 483 689
* 29-30	Sportsman Pylon	Nowra	Jeremy Randle	0418 390 446

July 2013

12	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
* 13-14	NSWSAS Round 3 Scale	Blacktown	John Rolfe	02 9734 6288
13-14	50cc Coota Showdown – ASAA Aerobatics	Cootamundra	Luke Brodrick	0411 790 397
* 20-21	Open Handicap Gliding	Gunnedah	Paul Hartley	02 6742 1926
* 20-21	Golden West Old Timer Competition	Parke	Peter Smith	0423 452 879
27	OS Day at WRCS	Belrose	Col Buckley	02 9918 0908
27-28	Frank Bryant Memorial Warbirds Weekend	Muswellbrook	Phillip Thichtener	0417 725 981

August 2013

* 3-4	Sportsman Pylon	Pitt Town	Jeremy Randle	0418 390 446
9	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
17-18	NSW State Champs - Stand Off / Open Scale	Richmond	John Rolfe	02 9734 6288
17-18	Wagga IMAC – ASAA Aerobatics	Wagga	Luke Brodrick	0411 790 397
24-25	TARMAC Scale Rally	Tamworth	Richard Exler	0438 314 882
31/8-1/9	Oily Hand Diesel Day	Cowra	Andy Luckett	02 6342 3054

September 2013

* 7-8	2m Thermal Glider Millennium Cup Round 5	Taree/Old Bar	John Kinlay	02 6555 3364
7-8	Belconnen/Yass Old Timer Weekend	Yass	Grant Manwaring	02 6241 1320
7-8	Albury IMAC – ASAA Aerobatics	Albury	Warren Leach	
* 7-8	Pattern/Aerobatics	Gunnedah	Richard Knox	04 4446 1021
13	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
13-22	Manilla Slope Soaring Festival	Manilla	Stephen Wenban	0437 032 660
25-29	66th Nat'l Championships - R/C Scale State Field	Cootamundra	John Rolfe	02 9734 6288

October 2013

5-6	Eastern States Gas Champs – Old Timers	Wangaratta	Grant Manwaring	02 6241 1320
11	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
* 16-20	Coota Cup – Old Timers	Cootamundra	Grant Manwaring	02 6241 1320
* 19-20	NSWSAS Scale Round 4	Richmond	John Rolfe	02 9734 6288
19-20	Sportsman Pylon	Marulan	Jeremy Randle	0418 390 446
* 20	2m Thermal Glider Millennium Cup Round 6	Maddens Plains	Fred Lodden	02 8576 6431
25-27	Twin Cities 30th Annual Float Plane Weekend	Albury	David Balfour	02 6043 3169

November 2013

8	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
9-10	Warialda Fun-Fly	Warialda	Laurie Riley	026729 4165
* 10	Shoalhaven Shield, 2m Glider Millennium Cup Rd 7	Bomaderry	Ian Avery	02 4232-1093
* 16-17	Old Timers Event and C/L Fly-In	Muswellbrook	Phillip Thichtener	0417 725 981
23-24	Sportsman Pylon	Marulan	Jeremy Randle	0418 390 446
29-30/11 – 1/12	ASAA Aerobatic Australian Championships	Yenda ACT	Norm Frazer	0402 485 384

December 2013

13	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
----	------------------------	------------	---------------	--------------

January 2014

February 2014

14	MASNSW General Meeting	Parramatta	Bob Carpenter	02 4577 6612
15-16	Banjo Patterson Rally	Orange		



CIAMFlyer

The Introduction
to the Modelaircraft World



No. 1-2013

Flying in an Unbelievably Blue Winter Sky



For many years, model airplanes have been flown in wintertime on the frozen lake in Davos in the Swiss alps. The conditions may be a bit special but are not nearly as nasty as aeromodellers in warmer hemispheres may think.

Thermals when flying in Winter?

"These are less likely in midwinter – but ridge and wave soaring from the bottom of the valley are possible," says a local model pilot, "but the stable weather conditions bring high-altitude winds in which we can sometimes – keeping a safe distance from the mountain – fly to very high altitudes with lift continuously increasing with altitude". A variometer is useful for these flights but not essential, as visibility is excellent. The pilots of large model gliders point out that visibility depends more on wing width than span and give an approximate value for an altitude that still allows for good visibility of 4000 times the wing width. Thus, a glider with a wing width of 20 cm can be easily controlled at altitudes of up to 800 m. Sometimes it can be dead calm on the lake while snow is blowing off the summit ridges. Such snow banners are not to be feared –

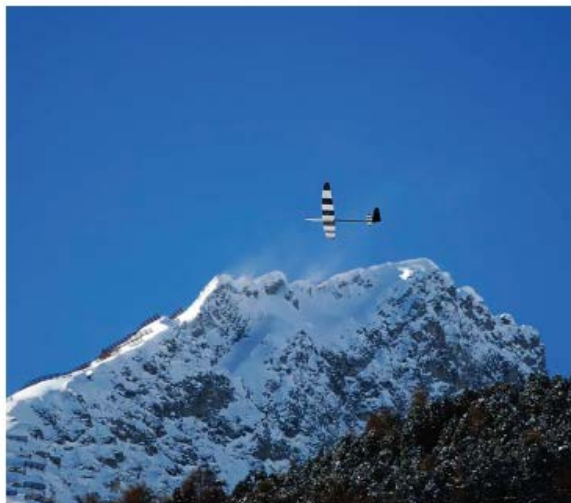
on the contrary – the glider has to get there first! Thermals over the continuous covering of snow usually start occurring in March. They often become detached over the first snow-free wooded areas and become more powerful with increasing altitude. Local model glider pilots say a big weather risk that has to be taken seriously is presented by cirrus clouds (altostratus). "Locally, they can develop with tremendous speed and if you are flying at 800 m with a purely white glider, you will very suddenly have a visibility problem", explains one of the pilots; "...and that caused me to lose a large glider last year," sighs his friend. But this is clearly outweighed by the advantages: for one, there is the soft blanket of snow which has saved any number of models. It covers the entire landscape like a single foam carpet and if you're lucky it will absorb even vertical impacts to a degree that no or only little damage occurs.

The effect of the cold

Local model flyers comment that many can't understand how surprisingly warm it sometimes feels. They explain that body heat is not dissipated by air but only by moisture in the air. "One winter, the air in our high mountain valley had only 4% relative humidity at a temperature of -16 °C – this corresponds to a water vapour content of 0.02% RH (!) at +25 °C. Such dry air can hardly be generated technically" claims one of them and adds, "on that day, we were flying without gloves". At other times, it can also be remarkably warm as long as winds remain light (which, in winter, is often the case in the valleys) as the surrounding walls of snow additionally reflect the sunlight. However, standing in the snow for hours on end does lead to cold feet. Fur-lined waterproof boots are recommended.



Altostratus can develop with tremendous speed



Snow is blowing off the summit ridges

Preparation on the model aircraft

Taking off and landing with floats works well in deep powder. On a compacted snow surface or even ice, floats with a hard surface must be used. Balsawood with foil is immediately abraded and EPP also suffers. Two variants are recommended for skis: Shorter ones with poorer directional stability for scale models and long narrow skis for the remaining models. The latter can be the tips of downhill or cross-country skis. A large model with a 200 cm³ engine has even been equipped with complete downhill skis. Towing on snow is like flying on water. Snow will enter the fuselage through unbelievably small gaps and pool on the bottom of the fuselage, which is why moisture-sensitive components such as receivers or controllers should not be mounted on the

bottom of the glider fuselage body. On gliders with retractable landing gear, the landing gear openings must be sealed off with fabric tape. Tail wheels must also be well taped off, otherwise they can act like small shovels that soon fill the tail tube with snow. Experienced alpine pilots also advise against using nickel metal hydride (NiMH) batteries for powering receivers and instead recommend lithium polymer (LiPo) or lithium iron phosphate (LiFePO) batteries, with the latter causing no problems. Batteries for the propulsion unit are brought along in an insulated box equipped with hot water bottles.

There's nothing quite like it

"After seeing your snow-white glider being towed up into the deep blue sky for the first time, you'll be hooked", says one of the pilots and adds, "For us alpine aeromodellers, flying in wintertime has become almost more important than ridge soaring, although we are surrounded by locations with excellent ridge soaring conditions".



Cold and dry air -16° C flying without gloves



Flying with skis

Photographs: Bertram Radelow

Editor: Emil Giezendanner
editor@modellflugsport.ch



66th MAAA Nationals 2013

Electric Old Timer Nationals Report

The Electric Old Timer MAAA Nationals were held at the Cootamundra State Field on 23/24 February. The following events were scheduled to be run:

- EOT Texaco;
- EOT 1/2A Texaco;
- EOT Duration;
- EOT Height Limited; and
- Demonstration Nostalgia Class.

Some fifteen pilots registered for the Competition and, in the end a total of eleven pilots braved the conditions to compete. The weather was not kind with strong winds on Saturday restricting us to a couple of rounds of Texaco and Duration. The wind abated a little on Sunday, although that meant we had intermittent rain, but it did allow completion of Texaco, Duration and Height Limited. The Competition Director, Lou Amadio, did a magnificent job under very trying conditions to keep us all enthused and flying and Kaylene Ashley ran the kitchen keeping us supplied with tea, coffee and bacon and egg sandwiches, as well as taking photos for the local paper.

The results demonstrate that the good pilots do well, even in difficult flying conditions. Pilots who have models built for light wind conditions could not successfully compete in the windy conditions. My 110" Lanzo Airborn was flying backwards with full down trim and full down

elevator and I twice had to "motor on" in Height Limited to save the aircraft.

Congratulations to the winners of the events: Peter Pine (Lismore Club) in Texaco, Gary Ryan (Melbourne) in Height Limited and Gary Andrews (Macquarie Club) in Duration. A special mention should be made of Brian Payne (Gosford Club), a long time gas oldtimer pilot, who was attending his first Electric OT competition and managed a creditable third in both Texaco and Duration. His comments were interesting in that he was starting to fly electric as it allowed him to fly at a lower altitude, better for older eyes; he could restart his motor, which impossible in gas competitions once the fuel is used.

Due to the awful weather we were unable to fly 1/2A Texaco or the Nostalgia Demonstration Class. This means that the 1/2A Texaco event at the National Electric Flight Rally (NEFR) at Easter (at Cootamundra again) will be the official Nationals event, so those attending have a chance to be a national champion! See the AEFA web site for details of the Easter event:

www.aefanet.com.

See you there!

Michael Colston
Gosford Club
EOT E-mail network coordinator
mncolston@hotmail.com



CD Lou Amadio displaying the MAAA Nats medal about to be awarded at the EOT Nats - *Peter Pine photo.*



This one shows the take off for a Texaco task at the EOT Nats - *Kaylene Ashley photo.*



Electric old timers climb out under the threatening Cootamundra sky - *Kaylene Ashley photo.*



Peter Henderson (centre - Gosford Club) prepares his Lanzo Bomber for another EOT flight at the Nats assisted by Rod Carrick (Arno Bay, SA) and watched by CD Lou Amadio (IMAC).



Alan Mayhew from Melbourne with his Stardust Special constructed for the Nostalgia event - 1.4m wingspan, 270g with battery - not flown because of wind - will now be part of the NEFR at Cootamundra at Easter - *Peter Pine photo.*



This image is Geoff Burling (IMAC) with his electric Playboy - 2nd place in Texaco - *Kaylene Ashley photo.*

Radio Control Program

The 66th MAAA Nationals is being hosted by NSW with the Control Line and Free Flight events being hosted by their respective bodies.

Due to the changes in Aeromodelling and the Contest scene MASNSW Inc. is taking this opportunity to provide the Radio Control events across the whole year where they will be managed by the specialist competition bodies.

The following table lists all the events to be conducted with contact details. This will be updated throughout the year via the Newsletter.

A major advantage of this new form of Nationals events is that you will have access to the best in each category with the events conducted by the specialists at a venue of their choosing.

Glider/ Electric Glider	Events
Armidale Sailplane Expo 25-28 January 2013 Contacts: Peter Pine 0407732440, Hutton Oddy 0425285758 Alan Lowe 0416207251	Electric: (Peter Pine) F5J Limited Electric Glider Glider: (Hutton Oddy) Open Thermal F3K F3J
Electric Old Timer	Events
MASNSW State Field, Cootamundra 23-24 February 2013 Contact: Lou Amadio 0405366038	1/2A Electric Old Timer Texaco Open Electric Old Timer Texaco Electric Old Timer Duration Height Limited Electric Old Timer Overall Champion
Pattern	Events
CKS, Pittown 26-28 April 2013 Contact: Richard Knox	F3A Aerobatics Masters F3A Expert Advanced Sportsman

Helicopter	Events
Lake George , Canberra, ACT 4-5 May 2013 Contact: George Atkinson 0414972118	F3C Advanced Novice F3N
Scale	Events
MASNSW State Field, Cootamundra September or October 2013 Contact: John Rolf 0402102512	F4C Large Scale Stand Off Scale Open Scale
Large Scale Racing	Events
MAS NSW State Field, Cootamundra 25-28 October 2013 Contact: Joe McGuffin	Golden Era Inline Golden Era Radial North American AT6 Reno 62cc Red Bull 120 Glow. Red Bull 30 Petrol Formula F1 Formula F2
IMAC (ASAA)	
Location: TBA Date: TBA Contact: Bill Bland	Basic Sportsman Intermediate Advanced Unlimited Freestyle



Bulletin 1 - 2013 Australian National Championships for Radio Control Precision Aerobatics

Organisers - NSW Pattern Flyers Inc. On behalf of MASNSW and MAAA.

Dates – A Three day event 26 – 28 April 2013.

Location – Hawkesbury Region, NSW
<http://www.hawkesburyaustralia.com.au/maps/>?

Flying Site Charles Kingsford Smith Model Aircraft Club field Pitt Town Bottoms Road Pitt Town. 33 35'14.22 S 150 50'59.52 E http://cksmac.com/our_field

The field is located 50KM west of the Sydney CBD and is easily accessible from the M7 Westlink or M2 Motorways. It is 55 minutes by motorway from Sydney Airport.

The field has two smooth, closely cut grass runways orientated 90 degrees to each other. The main runway is aligned east/west and is 300m long and 30m wide it will be possible to operate two parallel flight lines for the full flying day without the sun in the manoeuvring area. The pit area is a covered concrete surface, additional shelter will be provided for competitors.

Participation The event is open to all members of MAAA affiliated clubs and International FAI affiliated air sports bodies.

Classes of Competition F3A P-13, Expert A-12, and Advanced and Sportsman. Australian competitors must compete in their current class in accordance with the APA ranking system. Overseas competitors may fly in any class at the discretion of the organisers.

Accommodation Competition Headquarters will be at the Hawkesbury Racecourse Motel, 11 km from the contest site <http://hawkesburyraceclubmotel.com.au/>

Other accommodation Options:
http://www.hawkesburyaustralia.com.au/directory_categories.asp?id=1
For more information contact Richard Knox on 02 4446 1021 or rpknex@bigpond.com

Bulletin 2 - 2013 Australian National Championships for Radio Control Precision Aerobatics



NSWPF

Organisers

NSW Pattern Flyers Inc. On behalf of MAAA and MASNSW.

Dates

26 – 28 April 2013.

Location

Hawkesbury Region, NSW

[http://www.hawkesburyaustralia.com.au/maps/?](http://www.hawkesburyaustralia.com.au/maps/)

Participation

The event is open to all members of MAAA affiliated clubs and Non-Australian FAI affiliated air sports bodies.

Flying Site

Charles Kingsford Smith Model Aircraft Club field Pitt Town Bottoms Road Pitt Town. 33 35'14.22 S 150 50'59.52 E

http://cksmac.com/our_field

The field is located 50KM west of the Sydney CBD and is easily accessible from the M7 Westlink or M2 Motorways. It is 55 minutes by motorway from Sydney Airport.

The field has two smooth closely cut grass runways orientated 90 degrees to each other. The main runway is aligned east/west and is 300m long and 30m wide it will be possible to operate two parallel flight lines for the full flying day without the sun in the manoeuvring area.

The pit area is a covered concrete surface, additional shelter will be provided for competitors.

Certain local restrictions relating to over flight areas, flying times and other airspace users (notably the nearby RAAF Base) must be complied with but these are not expected to interfere with the competition.

Practice Sites

The competition site will be available for practice on Thursday 25th in conjunction with normal club activities and field set up.

Other fields within 2 hours drive of Pitt Town will be available in the week leading up to the event.

Classes of Competition

F3A P-13, Expert A-12, and Advanced and Sportsman.

Australian competitors must compete in their current class in accordance with the APA ranking system. Overseas competitors may fly in any class at the discretion of the organisers.

Rules

The contest will be held under MAAA rules, NSWPF guidelines and the CKSMAC local field rules.

Awards

Medallions and Prize certificates will be presented to the first three place getters in each class.

Every competitor will be presented with a certificate of participation.

Schedule

Thursday 25 th	Arrival of competitors		
	Practice and Registration/ Model processing	CKSMAC Field	0900-1700
		Racecourse Motel	1800 -2000

Friday 26th	Registration/processing		0800-0830
	Briefing	CKSMAC Field	0830
	Rounds 1 and 2		0900 - 1230
	Rounds 3 and 4		1230 - 1700
Saturday 27th	Briefing		0830
Saturday 27th	Rounds 3 and 4	CKSMAC Field	0900 - 1230
	Lunch		1230 - 1330
	Rounds 5 and 6		1300 - 1700
Sunday 27th	Briefing	CKSMAC Field	0830
	Completion of rounds 5 and 6		0900 -1200
	Fly- off rounds*		1200 - 1600
	Prize giving		1630
Monday 28th	Departure of competitors		

* Two fly off flights will be held for the top 5 of each class to determine the final result if time permits.

Entry Fees

A\$65 per senior entry and A\$45 per Junior entry includes lunch on Saturday.

Insurance

MAAA members must produce their FAI Sporting Licence as proof of insurance cover. Overseas competitors must comply with MAAA MOP 042 3.3.3 <http://www.maaa.asn.au/maaa/mop/policy/MOP042%20-%20Policy%20VISITOR%20INSURANCE%20-%207%20Feb%202010.pdf> this will be coordinated by the organisers.

Accommodation

Competition Headquarters will be at the Hawkesbury Racecourse Motel, 11 km from the contest site <http://hawkesburyraceclubmotel.com.au/>

Other accommodation Options:

http://www.hawkesburyaustralia.com.au/directory_categories.asp?id=1

<http://www.wotif.com/search/Advanced?startDay=2013-04-25&minDay=2013-02-05&days=all®ion=3564&page=11&viewType=all>

Camping is permitted on the field but there are no showers or mains power.

Catering

Light refreshments will be available continuously during the competition.

Lunch can be ordered for delivery to the field on Friday and Sunday.

A catered Lunch will be provided on Saturday the cost of which is included in the entry fee.

Contact

Richard Knox on +61 2 4446 1021 or

rpknnox@bigpond.com

Entry Form



Australian National Championship for RC Precision Aerobatics

26 – 28 April 2013, Pitt Town NSW

Normal Entries close **8 April** after which a late entry fee of \$15 will be payable.

Name.....

Address.....

Suburb.....State.....Postcode.....

Email Address.....Mob Number.....

Club.....MAAA Number.....

Class (Circle one only) Sportsman Advanced Expert F3A

Frequency.....

Entry Fees (includes catered lunch on the field Saturday):

Senior: **\$65** Junior: **\$45** Late Entry Fee: **\$15** Additional attending Lunch Saturday: **\$20**

Entry Fee..... + Late Fee(if applicable).....+ Additional lunch(s) **Total**

Payable.....

Payment by direct debit is preferred to:

Account Name: New South Wales Pattern Flyers Inc.

BSB 032701

Account Number 207959

*Please annotate the transfer with "Nats Fee" and your MAAA number

Either scan the completed form and Email to rpknex@bigpond.com with "Nats Entry" in subject line and noting your payment method in the text body **or:**

Email ALL the details on the form **or:**

Mail the completed form with payment to:

Richard Knox,
Secretary, NSW Pattern Flyers Inc.
PO Box 3252,
NORTH NOWRA NSW 2541



66TH NATIONAL CHAMPIONSHIPS FREE FLIGHT (POSTPONED EVENTS)

Due to unfavorable weather conditions at Narrandera the events listed below were postponed and will now be flown at Richmond NSW in conjunction with the Richmond Scale Rally 6th & 7th of July 2013.

Program:

Saturday 6th July **F4A** (Free Flight Scale) Flying. 7.00am - 11.00am.
Static Judging. 10.00am - 1.00pm.

Sunday 7th July **1Hour Power Scramble.** 7.30am - 8.30am.
Catapult Launch Glider. 8.30am - 10.30am.
Hand Launch Glider. 9.30am - 11.30am.
Discus Launch Glider. 10.30am - 12.30pm.

Please note if you have already entered the 66th Nats (FF events) you will not be required to pay the administration fee again. We have also separated the 3 glider categories, however only 1 event fee is required to fly any or all categories.

ENTRY FORM:

NAME: _____ FAI Number _____

Email address _____ MOBILE _____

EVENT	FEE - \$5.00	
F4A		
POWER SCRAMBLE		
CATAPULT LAUNCH GLIDER		
HAND LAUNCH GLIDER		
DISCUS LAUNCH GLIDER		
ADMINISTRATION (includes 1x badge and 1 x sticker)	\$20.00	
Additional Badges @ \$2.00 Additional Stickers @50 cents.		
	TOTAL	

Please send entries to NSW FFS Treasurer Tahn Stowe 3/152 Brook St COOGEE 2034
Entries close JUNE 30th 2013. Please make cheques or money orders payable to NSW Free Flight Society. It would be appreciated if entries including fees be received before the closing date. Payment of fees will be accepted on the field with prior entry.
email entries to: stowes@ozemail.com.au

Club News

What's Going on at the Cootamundra State Field?

Well not much you might say - time for a rethink.

The more recent visitors have used the new mezzanine, all have commented about the



great view of the field that was not previously possible. The mezzanine is a great area for friends and family to watch the activities, as it provides uninterrupted viewing of the entire operational area. The photo's tell a better story than I can.



The runways are now greening up as a result of the Cootamundra Aeromodellers Association members watering and fertilising



the area; they did get some assistance from the local council with the initial 11k litres of water but continued the job with our new fire fighting appliance (a further 40k litres – 1k at a time). An outstanding effort for a club of so few members, many thanks.



There is also a HOT shower being built (due for Easter we hope) so you will be able to camp at the field and freshen up before dinner or the journey home. Camping at the field is a great way to maximise your flying time and reduce expenses for the weekend.

For bookings please contact Steve Norrie
Email publicrelations@masnsw.org or Phone 04 1887 4740

MASNSW Cootamundra Scale Rally March 1-3 2013

A couple of reports on the recent Scale Rally at the State Field, Cootamundra:

Tim Nolan (SROW)

Aahh, the excitement of a new scale rally on the annual calendar! You've got to love that, right? The Coota Rally assembled 30 pilots to freshly cut runways, green fields and a new mezzanine for an improved viewing from the seated position – luxury!



As the first rally at Coota there was much excitement and expectation for a great event. The majority of the pilots arrived by Friday afternoon claiming their positions on the thresholds, catching up with familiar faces, comparing notes on planes old and new.

In the usual positive fashion setting up of aircraft, checking and rechecking was the order



of the day; but only for those who were determined to challenge the conditions all hoping that the winds would settle down.

Mother Nature had different ideas about the entertainment for the weekend though. Nothing brings greater fear than a cool solid wind of 20+ knots. And it did not let up.

In the spirit of Biggles, Bob Carpenter confidently took to the sky with grace and ease as the 25 to 35 knots of wind kept the moments interesting. This was a place for the brave, the foolhardy and those who wanted to watch the



courageous perform. Edge of your seat entertainment you might say. It was clear that the conditions called for large aircraft with big engines to meet the strong winds with brute force and pilots showing serious skills and concentration. Tim Nolan's big Wilga got off the ground and made it back in one piece, keeping everyone's attention, most of all Tim's.



You can imagine that everyone woke on Saturday and hoped for a still morning, but that was not to

be. The pilots gathered to support those who were braving the conditions, but with up to 35 knots many planes stayed unassembled.



But there are always those who push the limits. Don Costello took up his 'foamy' F35 (ducted fan) and confirmed a very high 'pucker factor', but was landed unscathed. Some pilots never give up. Peter Nieuwenhuizen put up his pattern ship, feeling he couldn't miss the opportunity to get some practice in (!), but the landing kissed the ground a little hard, Team Nieuwenhuizen (Peter and Felix) with their skills in running repairs had a fixed rocker and landing gear up in the sky fling again on Sunday.



And the conditions were unchanged, holding steady at 25 knots with peaks at 35! Bruce Sutton's 165" Carbon Cub handled the conditions well until the engine quit 6 feet off the ground. No one fainted but Bruce was a little concerned. Don landed her without damage but needed a stiff drink after that. So did Bruce.

Tim Nolan test flew his 150" Decathlon. After taking off it turned out to handle the wind very well even passing the transmitter around for



others to try some aerobatics. The landing was interesting as the wind just kept on getting stronger, forcing the plane along the strip and having Don Costello chasing the model to ensure it was not going to blow over. By



lunchtime it was clear that Mother Nature had made her point and there would be no more flying so we all packed up and headed home. Despite the challenges it was a great event but next year the request for good weather is going in much earlier.

A very special mention of thanks to the Cootamundra Model Club who did a magnificent job of preparing the field and grounds, and managing the catering.



It will be on again next year but as a general fly in and will coincide with the MAS NSW monthly meeting on the second weekend in March 2014.

Don Costelloe

There is an old song called “They call the wind Mariah” and this is what this weekend was all about “Mariah the wind”. She blew and blew and blew!!!

Our little convoy Tim, Bruce, Graham and myself hit the road mid morning Thursday in good spirits despite the weather forecast. Our Thursday start is to allow a full 3 days of flying. We did drive through some light showers and breeze and after some refreshment stops arrived at the State Field at about 3pm, it looked a little damp (50 mm over 2 days can do that) but we were sure it would be OK for the Friday. The builders were busy on the mezzanine and promised it would be ready for use by the Saturday morning. So inspection completed off to the motel for a shower and some dinner at the local Chinese.



As we were part of the organisers we arrived at the field by 8.00 am on the Friday, all fired up and ready to go! The fields looked great, it was already greening up! Quite a few flyers were starting to arrive but... so was the wind. A cool solid wind of about 25 kilometres/hour, quite unpleasant! A few brave souls started unpacking and assembling models but it does not look good. By lunch time only 3 or 4 flights are posted and one of those finished 1 second after take-off, we are not off to a good start. The wind is unrelenting now gusting to 35 klms/ hr and it's pretty cool as well. Tim decides to give the BIG Wilga a go and after a difficult flight does a less than great landing finishes with a spinning prop digging big grooves in the strip, lucky not to bust a big expensive scale prop! Not much else (except

a fair bit of chin wagging) happens for the rest of the day and about 5 pm it is off to the showers to get warm and off to dinner at a PUB.

Saturday starts no better, Mariah the wind is still with us just as strong as ever. There are quite a few at the field now, a good spread of scale models but not many make the grass. A few brave hearts put models together and have a fly but from where I was standing it does not look like fun. I decide to have a go with my “foamy” F35 ducted fan. I was right it did not look like fun and it wasn't. Very high on the “pucker factor”.



We do decide to give 2 of the bigger models a go, the big Carbon Cub and Tim's new Decathlon. We do get these up and down with nothing broken (although the landings are precarious to say the least). A PRETTY STRESSFULL WAY TO SPEND 15 MINUTES I CAN TELL YOU.



Peter N puts up his pattern ship (claims he needs the practice), the flight went pretty well but again the landing not so after a flame out



(unusual for PETER, broken rocker bolt). A second flight was much more successful.

By 4 pm we are all done in, cracked lips from the wind and tired of just dealing with it. Off to the



Motel for a warm shower and off to the pub for a full gathering and dinner, great night!

Sunday dawns - more of the same wind exactly as before! The decision for us is made, PACK UP,



get all the stuff back in the two "TARDIS" trailers and head for home about lunch time. All in all, a less than pleasant weekend. I have been to many, many contests and rallies but I can never remember the wind being so strong & so consistent for such a long period, 3+ days and not a break, it was HARSH.



As always the camaraderie was great, great people with a common interest, it is for me almost as big a part of a weekend like this as the



flying, ALMOST! It was a shame the weather was so bad but I am certain this will turn into the perceived concept, a replacement for BOWYLIE. Keep your fingers crossed for next year.



The Cootamundra mayor flanked by MASNSW President Bob Carpenter & Secretary, Tim Nolan

Regards
Don Costelloe

Upcoming Events

TARMAC 40th Anniversary

FUN-FLY

13 & 14 April

At our Somerton Flying Field.

120m Bitumen Strip

Parallel and cross grass strips

Turbine, nitro, petrol, electric, glider,

Helicopter, novelty - all welcome

Winches, Bungees & Pylons (unofficial)

If it flies, you can bring it as long as you have

FUN!

Open keyboard

\$10 per pilot (any number of aircraft)

Flying starts at 1000 on Saturday

Limited generator power with both 240v
AC and 12v DC

Contact:
Richard Exler 0438 314 882
Larry Hoskins 6767 0315
Neil Jewell 6760 6261

Discounted motel rates in
Tamworth available
on application

BBQ breakfast and
throughout the day or
Meals available from
The Roadhouse





[just an average
group of flyers with an obsession for precision aerobatics](#)

RC PRECISION AEROBATICS - 2013

The premier event of 2013, the MAAA Nationals Pattern Event is nearly here. **If you have not yet put your entry in do so as soon as possible please.** The Pattern Event (for precision aerobatics) is being held at CKSMAC Pitt Town over three days on the Friday 26th, Saturday 27th, and Sunday 28th April, 2013. CKSMAC is located off Pitt Town Bottoms Road, Pitt Town. See the second Bulletin and entry form is on our website www.nswpattern.org.au . Late entries will be accepted, but there is a late fee.

The format for the contest is contained in the Bulletin, and spectators are most welcome. The National Champions in each class will be decided on the afternoon of Sunday 28th, with the top flyers in the six preliminary rounds flown over the preceding days, flying two final rounds to decide the winners.

After the Nationals the normal events continue with the next to be held on the on the 25th and 26th May at the Queanbeyan Model Aircraft Club. Their field is on Hoskinstown Road, off the Kings Highway at Bungendore. Directions to the field are contained in detail on their website www.flyqmac.info . The competition there last year was a great event, so we encourage you to come to the Queanbeyan area again this year.

In June we go to Wingham again, who always make us most welcome. The Wingham event is on the 22nd and 23rd .

As always we welcome any newcomers, who will fly the in the Sportsman Class. The Schedule is on our site www.nswpattern.org.au . If you can loop, roll, fly inverted and perform a spin, come and join in the fun, or just come to watch. Our Members will be keen to assist you in any way.

Other event dates for 2013 are being firmed up, and those that have been scheduled are shown in the MAS NSW Rolling Calendar. Other dates will be added as soon as they have been agreed with the host Clubs.

For more information contact Richard Knox, on 02 4446 1021, or at rpknox@bigpond.com

Wagga Wagga Model Aero Club 40th WW11 and Military Scale Event

26th to 28th April 2013.

“Connorton” Field, Olympic Way

Have you ever been? Do you still have the model? There is to be a parade of past competing models. There are still a couple of models around that competed at the first event !!!

- **Trophies:** 1st, 2nd and 3rd for WW1, WW11, Military Scale and ARF events.
- New model of the meet trophy to include WW1, WW11 and Military models.
- Bring your documentation. Trophy for highest static score.
- Best presented ARF (no static judging).
- Entry: \$30 the first model, \$25 for the second model. Includes Patch(1), Photo and Pilots Draw.

Postal Address:

Mike McDonnell, Coordinator

michaelbmcdonnell@gmail.com

PO Box 2043, Wagga Wagga, NSW, 2650

Brian Thomson, Secretary

briandt_99@bigpond.com

This is the fortieth year of the event which is the longest running military scale event in Australia. We are looking to make this the best WW11 ever. Anyone who has been to the event will contest to the quality of the entries and the camaraderie.



NSW PYLON RACING **CLUB inc**



Q500, and the
Electric EF-1 and Funfighter (i.e. Rare Bear)
PYLON RACING at

**ILLAWARRA MODEL AIRCRAFT CLUB
(WOLLONGONG)**

LOCATION:

Heading south on the Princes Highway. Exit left (east) on to Northcliffe Drive. 800m turn right into Hooka Creek Road. 700m on the right is the field.

Sunday 12 May 2013 – 9:00am Pilot briefing

Must have current MAAA membership
Entrants and callers must bring hard hats

Catering at Field
New Racers Always Welcome

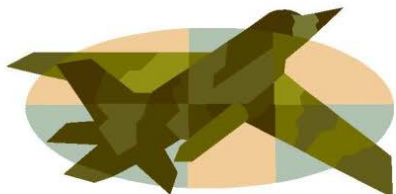
Contact Jeremy Randle 0418 390 446

Or check out the Web site
<http://www.nswpylon.org/>

FUEL SUPPLIED ON RACE DAY

ACCOMODATION: SOVEREIGN INN, FIGTREE 1300 668 400

Further 2013 dates
Pittown 1/2 June,
Nowra 29/30June/, Pittown 3/4 August, Richmond TBA.
Proposed Marulan dates are 19/20Oct & 23/24 Nov



COMSOA SCALE FUN **FLY 18th.and 19th. MAY 2013**

AT COMSOA'S FLYING FIELD AT METFORD OFF RAYMOND TERRACE ROAD.

Saturday the 18th-- Gate will be open about 0800 Flying can commence after 0900 . Fly as much as you wish. Registration starting after 0930

Sunday the 19th. Gate open about 0700, flying after 0800 and will be to our usual format with organized flying in each category. Judging will be by entrants on Sunday

Categories MILITARY UNDER AND OVER 7 KG CIVILIAN UNDER AND OVER 7kg

JET

SPORTS MODEL

Lots of prizes in all categories, plus Model of the Meeting. Good value prizes as in previous years.

Cold drinks on sale all weekend with free tea and coffee. Free BBQ Lunch on Saturday and Sunday for all entrants.

*If you are intending to participate please **PRE ENTER**. There is no problem changing your model entry on the weekend if required.*

Pre entries will be entered in a draw . Cut off date for the draw is Thursday the 16th. May.

VISIT OUR WEB SITE www.comsoa.com for an Entry Form and up to date info for the event and about our club.

*For general inquiries contact Paul Robertson 49468334
For entry information contact Stewart Brackley 49470586*



Warialda Australia's First Spad Fest

SPECIAL PLASTIC AIRCRAFT DESIGN
FOAM DEPRON ETC
ALL
OTHER AIRCRAFT ARE WELCOMED
FOR MAAA MEMBERS ONLY

JUNE 1ST & 2ND 2013

CATEGORIES

BEST SCALE

BEST FLIGHT

BEST STATIC

All categories judged by pilots with judging on Sunday 12pm to 1pm

FOR FULL DETAILS
PHONE LAURIE REILY 0267294165
BARRY POWER 0267291740

**CANTEEN TO OPERATE WITH HOT AND COLD DRINKS.
BREAKFAST ON SUNDAY MORNING**

**GUNNEDAH DISTRICT
AEROMODELERS
in
Association with the
F.S.A.A.**

SCALE RALLY
FOR MAAA MEMBERS

JUNE 15th & 16th 2013

CATEGORIES

Best F.S.A.A. Members model

Large Civilian over 70"

Large Military over 70"

Civilian under 70"

Military under 70"

ARF Military

ARF Civilian

Electric Military

Electric Civilian

TOP GUN

Must be fixed wing prop driven.

Enter as many planes as you wish for the one entry fee of \$20

Camping available at field toilet and shower on site

All categories judged by pilots with judging on Sunday 12pm to 1pm

PER ENTER TO hartleys.electrical@gmail.com with your category model name your name and club to save time on the weekend thank you

FOR FULL DETAILS

PHONE w 0267420222 ask for Paul or Ken

FOR MAP LOCATION GO TO OUR WEB SITE

www.gunnedahrc.com

**CANTEEN TO OPERATE WITH HOT AND COLD DRINKS.
PLENTY OF UNDER COVER AREA**

Bushman's Rest Caravan Park
Presents



Lake Cullulleraine R/C Float Plane Festival 1st July to 7th July 2013

Fly from the lake's edge right in front of the camping area



Casual flying open to all Monday 1st July – Friday 5th July

Fun-fly Saturday 6th July – Sunday 7th July

*Maintained grassed area to the edge of lake
Large open flying space with emergency retrieval boat on-site*

*Powered and unpowered campsites
On-site accommodation available in our Modern Lakefront Cabins or Farm style houses*

*Barbeque lunch available on Saturday and Sunday for small fee
Saturday Evening meal available at nearby Werrimull Hotel*

Open to all MAAA registered members

*For more information contact:-
Darren or Lea Smith
Bushmans Rest Caravan Park
Sturt Highway, Cullulleraine, Victoria
P 03 5028 2252*

*enquiry@bushmansrest.com.au
www.bushmansrest.com.au*



NSW FREE FLIGHT SOCIETY RICHMOND SCALE RALLY

INCLUDING 66TH NATIONALS F4A, POWER SCRAMBLE,
CLG, HLG & DLG. 6TH & 7TH JULY 2013



Come and join the biggest and best Free Flight Scale Rally in the Southern Hemisphere.

Dozens of Free Flight Scale models on the beautiful turf at Richmond NSW.

Sumptuous Buffet Dinner on Saturday night
at the Hawkesbury Race Club.

Prizes for the People's Choice, Next Time and Spectacular Arrival.
Also our famous \$100 travel voucher (reside in Australia, travel 200 Kilometres
or more and fly a Free Flight Scale model at Richmond to qualify)

Due to the postponement of some 66th Nationals events from Narrandera, we also
include F4A , and 1 Hour Power Scramble, plus Catapult Launch Glider,
Hand Launch Glider and Discus Launch Glider.(See separate program and entry
form.)

CONTACT : ROY SUMMERSBY 43410072
<roydi132@optusnet.com.au>

TAHN STOWE 02 96646198
<stowes@ozemail.com.au>

Find a Word

This month's Find a Word looks for well (and lesser) known brands of RC equipment. Remember, words can be vertical, horizontal or diagonal and may be reversed.

A	X	T	I	K	H	T	A	E	H	K	T	E	C	L	R	M	N	V	Y
V	H	M	W	K	R	A	F	T	D	C	Z	E	N	F	A	B	F	F	K
O	F	F	Y	P	T	H	R	U	X	E	Y	Y	L	E	V	G	C	B	S
C	X	A	D	X	J	Y	I	J	I	T	R	L	R	A	X	J	L	R	R
I	G	I	M	N	U	T	U	T	M	I	V	D	F	O	C	H	J	B	F
B	X	R	T	J	E	H	F	I	B	H	Y	W	G	W	K	S	D	W	P
B	U	T	S	J	F	L	T	L	A	L	G	R	A	U	P	N	E	R	Q
O	U	R	A	E	I	Z	S	F	F	S	W	T	U	R	N	I	G	Y	B
H	T	O	X	A	D	C	O	A	O	N	S	F	C	H	B	K	D	G	V
N	G	N	X	Z	X	D	C	H	S	M	H	A	I	N	V	N	B	V	O
C	N	I	A	Y	S	E	I	N	T	E	G	Y	N	M	L	X	O	J	W
R	D	C	R	N	R	C	H	O	U	J	X	A	M	I	L	E	H	W	T
M	J	S	T	C	L	P	J	Q	S	A	N	W	A	O	M	O	F	N	A
F	U	T	A	B	A	V	E	A	C	B	F	G	K	S	L	D	O	W	U
F	Y	I	D	P	A	Y	N	K	A	G	M	U	R	T	K	E	P	S	X
P	D	A	N	X	Q	F	O	P	O	R	P	R	J	K	Z	C	K	N	I
I	Q	G	H	N	X	M	I	R	L	P	K	X	D	R	D	G	C	C	R
V	M	S	L	Q	K	Q	C	V	J	W	N	Z	K	S	Q	J	V	W	B
T	J	W	G	V	U	H	O	E	D	T	K	T	A	C	T	I	C	H	E
O	G	G	I	F	R	S	R	Q	B	I	Y	I	H	E	J	H	Y	G	G

JRPROPO	ACERC	GWS
FUTABA	HELIMAX	HOBBICO
HITEC	TACTIC	FRSKY
GRAUPNER	TURNIGY	FLYDREAM
SANWA	INTEGY	ASSAN
AIRTRONICS	OFNA	ESCALE
KRAFT	TRAXXAS	JETI
HEATHKIT	SPEKTRUM	WFLY

For Sale

Planes for sale in Sydney metro, well flown models but still in good flying condition.

- **Aghusky** low wing 110 inch giant scale ARF, Hitec metal gear servo's with 53cc petrol engine no Rx, excellent tug plane, \$500
- **Delta ARF 40** with OS 46 FX engine all servos + Futaba fm Rx, \$140
- **Jodel ARF** scale low wing + flaps with Vmax 46 glow engine all servos + Futaba fm Rx, \$120

Call John 0439 772 002

BRAND NEW: 2x2m F3A Maestro aircraft.

It only requires painting to finish.

Flying weight is appropriately 4.1kg

Carbon fibre wing tube.

Carbon fibre undercarriage.

Plugin wings and stabs.

The aircraft was built to take a YS140L motor and pipe.

USED: YS140L motor with mount, header and Dalby pipe.

USED: 60 Size F3A Joker aircraft. The fuselage requires painting.

1 Piece wing

Fixed Undercarriage

USED: OS 61 RF Hanno Special engine with header and Hatori pipe. Soft engine mount.

NEW: 2 carbon fibre (vacuum bagged) undercarriages

Cameron Board

0415 448 428

I am open to any offers.

**Deadline for submissions to
Newsletter #355 (May 2013) is
Tuesday 16th April 2013.**

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