

MINIATURE →  
**AERO SPORTS**  
NEW SOUTH WALES INC.



Alf Williams' scratch built Tiger Moth takes to the air at the 66<sup>th</sup> MAAA Scale Nationals held at MAS NSW Inc State Flying Field at Cootamundra.

*Photo via John Rolfe (NSWSAS)*

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## Diary Notes

### Next MASNSW Meeting

Friday 8<sup>th</sup> November 2013, 8:00pm at Garden Terrace Room, Workers  
Parramatta, 163-165 George Street, Parramatta.

### Following MASNSW Meeting

Friday 12<sup>th</sup> December 2013, 8:00pm at Garden Terrace Room, Workers  
Parramatta, 163-165 George Street, Parramatta.

Newsletter #361 (December 2013) deadline for submissions

Tuesday 12<sup>th</sup> November 2013 (**Note: there will be no Newsletter in January so this will be the last chance until the February edition**).

## Contacts

|                          |                 |  |                              |
|--------------------------|-----------------|--|------------------------------|
| President / CFI          | Bob Carpenter   | <a href="mailto:president@masnsw.org">president@masnsw.org</a>   | 02 4577 6612                 |
| Secretary / Vice Pres    | Tim Nolan       | <a href="mailto:secretary@masnsw.org">secretary@masnsw.org</a><br>74A Burdett Street,<br>WAITARA 2077              | 0412 173 440                 |
| Assistant Secretary      | Don Costelloe   |  |                              |
| Treasurer                | Bob Bishop      | <a href="mailto:treasurer@masnsw.org">treasurer@masnsw.org</a>   | 02 9533 2603                 |
| Registrar                | David Lewis     | <a href="mailto:dave.lewis@internode.on.net">dave.lewis@internode.on.net</a><br>PO Box 7291,<br>SOUTH PENRITH 2750 | 02 4736 2611<br>0407 705 224 |
| Editor / Webmaster       | Rob Masters     | <a href="mailto:newsletter@masnsw.org">newsletter@masnsw.org</a>   | 0418 160 295                 |
| State Field Officer      | Steve Norrie    | <a href="mailto:stateflyingfield@masnsw.org">stateflyingfield@masnsw.org</a>                                       | 0418 874 740                 |
| Public Relations Officer | Aranka Nolan    | <a href="mailto:publicrelations@masnsw.org">publicrelations@masnsw.org</a>   | 0412 173 440                 |
| Education Officer        | Greg Hoy        | <a href="mailto:educationofficer@masnsw.org">educationofficer@masnsw.org</a>                                       | 0417 284 615                 |
| Deputy CFI North         | Martin Cochrane | <a href="mailto:mwc.scale@bigpond.com">mwc.scale@bigpond.com</a>   | 02 6658 2364                 |
| Deputy CFI South         | George Atkinson | <a href="mailto:dcfis@exemail.com.au">dcfis@exemail.com.au</a>   | 0414 972 118                 |
| CASA Liaison             | Tim Nolan       | <a href="mailto:casaliaison@masnsw.org">casaliaison@masnsw.org</a>   | 0412 173 440                 |

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

## Wanted

I would like to start an RC Dawn Patrol “Special Interest Group”.



If you are interested in vintage WW1 Aircraft, this may be for you.

Contact - Bob Bishop

Email - [Bob739@gmail.com](mailto:Bob739@gmail.com) or

Phone me - 0412.274.271

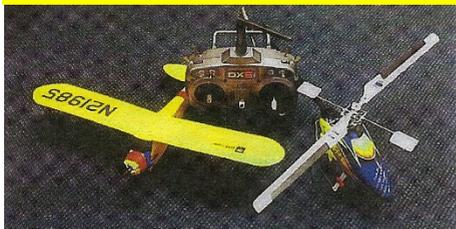
### Sutherland Shire COUNCIL



#### REMOTE CONTROL PLANES FLYING AT MENAI INDOOR SPORTS CENTRE

Planes and helicopter events include:

- Expert advice from gold wing flyers.
- Kiosk and coffee bar.
- Buy swap and sell stall. Bring along any aircraft, motors, servos and hardware you no longer need.



#### FUN NIGHT FOR THE WHOLE FAMILY

Free flighters, beginners, experts and spectators all welcome.

**Second Saturday of the month**

**Time:** 6pm – 10pm

**Cost:** Participants \$10.00

**Spectators Free**

#### MENAI INDOOR SPORTS CENTRE

98 Allison Crescent

Menai NSW 2234

Phone: 02 9532 0444 Fax: 02 9532 1333

[www.sutherlandshire.nsw.gov.au](http://www.sutherlandshire.nsw.gov.au)

# Miniature Aero Sports NSW Inc

## MINUTES

Business Meeting  
Workers Parramatta  
11<sup>th</sup> October 2013

**Meeting Opened** 8.10pm

**Attendance:** D Lewis WPMAC, R Masters Cootamundra MAS, B Thrift CVRCMAC, G Atkinson WRCS, S Norrie NSWASAS, M Stone HSL, T Nolan ROW, B Bishop CMAC, K Barnes PRCAC

**Visitors:** D Lacy SSME, J Rolfe NSW SAS, G Hoy CMAC, S Murray PRCAC

**Apologies:** E Ashley CVRCMAC, W Swan UMAC, D Costelloe QFS

**Minutes:** Motion that the acceptance of the Minutes of the meeting held on the 13 September as distributed via Newsletter 359 be accepted as a true and correct record of that meeting.

**Moved:** PRCAC **Seconded:** HSL **Carried**

### Business Arising:

- Incorrect spelling of HSL representative.
- K Barnes from PRCAC was an apology.
- Correspondence item C 2.1 entered in error, relates to FW25/Turbine endorsement.

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

### Correspondence In From MAAA:

- M 1.1 Executive minutes August
- M 1.2 Secretary on leave 20-30 Sept 2013
- \* M 1.3 Helicopter Safety Reminder (distributed via email to clubs)
- \* M 1.4 Amendments to MOP 058
- M 1.5 CIAM Flyer #4 2013

### From other than MAAA:

- C 2.1 COMSOA, advice of change of Treasurer
- C 2.2G Hoy, CMAC advice unable to attend MAS fly-in at Vineyard
- C 2.3 M Pilling, newspaper article from Forster (Rainbow Flats Club)
- C 2.4 R Exler, TARMAC public display application
- C 2.5 K Hartley Gunnedah, Public Display Application for 10 November
- C 2.6 H Oddy NEMAC Height Clearance for Armidale 24-27 January 2014
- C 2.7G Matherson, SMFC, Public Display Application 27 October 2013
- C 2.8 G Nafté, Associate membership for visitor

- C 2.9B Townsend, Evans Head MAC, Public Display application January 2014
- C 2.10 L Yates, CASA Vineyard Approval for MAS Display
- \* C 2.11 B Porman, WRCS, enquiry re heavy model (multi rotor)
  
- C 2.20 Received completed Large Model Permits to fly forms from the following:  
D Lewis WPMAC, J Masterton WRCS, W Gibson ASAC, D Tennant CCMAC,  
A Taylor SSSFA, John Corben SSSFA, S Hough SSSFA (x2), S Weatherstone SSSFA  
K Lawrence COMSOA, D Slevin BMAC, C Mitchell WRCS, P Hewitson GCAC,  
J Cooper GCAC, H Wall PMAC (x2), G McGuinness Lismore, C Pellatt SRCS  
B Burrell SRCS, D Radford WRCS, E Oram CVRCMAC, S Dowling WVMAC  
P Chadd HAMS, T Rochford HMAS

#### **Late Permits**

C 2.21 Received Cancelled Large Model Permits to fly forms from the following:

C 2.22 Newsletters Received:  
NSW FFS

#### **Late Correspondence:**

C 2.12 S Norrie, Final Inspection Certificate for the works at the State Field, Cootamundra.

#### **Correspondence Out:**

##### **To MAAA:**

C 2.8 Associate Membership application FAI member

##### **To other than MAAA:**

- C 2.4 Public display application forwarded to CASA
- C 2.5 Public display application forwarded to CASA
- C 2.6 Public display application forwarded to CASA
- C 2.7 Public display application forwarded to CASA
- C 2.9 Public display application forwarded to CASA

#### **Business Arising from Correspondence:**

M 1.3 advice was circulated to all members via email

M 1.4 additional radios added to the approved list, the President addressed the meeting that enquiries are underway with MAAA as to the legality of this procedure if the radio are already certified. Members will be updated when any information is received.

C 2.8 The President outlined the procedure for visiting members in obtaining honorary MAAA Membership. If they are only attending and they accompany a friend to the field for one visit they can be entered into the visitors book along with their full name, address and their FAI membership number.

C 2.11 Enquiry from WRCS as to the certification procedure for heavy Multi Rotor Models.  
Advice from MAAA is that it should be examined by a competent FW25 Inspector, and if possible someone with some Helicopter experience.

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

**Moved:** WRCS **Seconded:** NSW SAS **Carried**

**Reports:**

**Treasurer:** **Bob Bishop**

**Business Arising from the Treasurers Report:**

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

**Moved:** NSW SAS **Seconded:** CVRCMAC **Carried**

**Other Reports:**

**President** **Bob Carpenter**

This month has seen two quite significant events; these were the Scale competition of the Nationals conducted on our Cootamundra field and also the MAS NSW Fly In and Air Show. Both event were an enormous success and will be reported separately in these minutes and the newsletter however there are many positive outcomes from these events.

Firstly the Scale event at Cootamundra was conducted on a field that is now second to none. All the upgrades and promotion have provided our members with a facility that is able to conduct any size event. The field now has three runways, watering system, catering facilities, showers and toilets. Visitors from other states have complimented us on the venue and this together with the relaxed but safety conscious running of events shows that the work over the past few years is really having positive outcomes. The Cootamundra facility is being increasingly used by our members and clubs.

Thanks to all those who have been involved.

The second of our events was the Fly In and Air Show. This was the culmination of a strategic plan to provide events that are for our members but with a strong community focus. Once again there will be separate reports but to conduct an event with Model Aircraft as the main attraction with support of external organisations and activities that brings over 1500 people attending shows me that this needs to be the main promotional focus of the Association. Take into account that there was the International Fleet Review, The NRL Grand Final, A One Direction concert, as well as a major Helicopter event in the ACT and being on a long weekend shows that the timing and promotion are correct and we can improve on this for next year. We have also started to promote ourselves in a professional manner which is using today's resources to reach a new target audience. We must adopt the ways of today and not be afraid to think outside the square.

The indications that we are on the right track is that our membership numbers as shown in the Registrars report shows that the membership of MAS NSW is currently at 96% of our full year numbers from last year. We will not know until the end of the membership year what the final numbers are but these very positive indications are certainly encouraging.

Thanks to all members of the association from all clubs for their continued support and encouragement that the executive are working in a positive direction.

**Registrar** **Dave Lewis**

| Current Year                  |             | New to System | Last Year (Sep 2013) |
|-------------------------------|-------------|---------------|----------------------|
| Seniors (Includes Pensioners) | 2134        | 138           | 2004                 |
| Juniors                       | 87          | 21            | 91                   |
| No. of Clubs                  | 85          |               | 84                   |
| <b>Total Membership</b>       | <b>2221</b> | <b>159</b>    | <b>2095</b>          |

**Vice President** **Tim Nolan**

For the information of all Heavy Model and Gas Turbine inspectors, your permits/endorsements lapse next year (2014). If you wish to apply for reappointment the forms are on the MAAA website, (MAAA 024 for FW & RW 25, and MAAA 029 FW50 and RW50).

The MAS NSW Executive will be publishing a list of all Heavy Model/Gas Turbine Inspectors on the MAS website so that members can easily locate an Inspector. This list will have your name, type of Inspector (FW25 etc) and your club, no other details will be published to protect your personal details.

Please send the completed forms to the Secretary MAS NSW no later than the 31 March 2014, so that they can be collated and processed before June 30

**Chief Flying Instructor** **Bob Carpenter**

The next Instructors course and workshop will be conducted in conjunction with a trial course in Melbourne on the weekend of the 22/23rd Feb 2014.

This will be the final course in the trials to be conducted across Australia as part of the MAAA Strategic Plan. There will be attendance by people from both Tasmania and the ACT.

I would like any prospective instructors who would like to attend this course to contact me. The course will be conducted the same as those we have run over the past few years but in a different location. It would be great to have a group attending from NSW

**State Flying Field Secretary / PRO** **Steve Norrie**

The Cootamundra State Field is really looking great, it's one of the best fields in the country (not my words but I do agree). These words have been passed to me by several of the recent visitors to the field.

The runway watering system is now operational, the runways have been seeded, top dressed, rolled, watered and mowed and mowed and mowed.... The hours of preparation required to get our field to this condition were provided by the Cootamundra Aeromodellers Association members, many thanks to all those involved.

The Scale Nationals held just two weeks ago went very well, see separate report from John Rolfe

The pictures below, provided by a local photographer, show just how good your State Flying Field looks now.

For bookings email [stateflyingfield@masnsw.org](mailto:stateflyingfield@masnsw.org) or Phone 0418874740

Advice has been received that the mowers currently being used to mow and maintain the state field are well past their use by date, accordingly there is research being conducted as to the best replacement options, further advice to follow and recommendation for the meeting to consider.

**CASA Liaison Officer**

**Tim Nolan**

**Public Relations Officer**

**Aranka Nolan**

Our efforts to support the recent Air Show at the Hawkesbury Model Air Sports Vineyard field on the 6th October included the following activities.

We created 5 media releases:

1. I'm a girl and I like it says pilot aged 9
2. It's real says pilot aged 12
3. Space Camp comes to Vineyard
4. Space Camp at Free Air Show 6th October
5. Free Air Show at Vineyard near Windsor on Sunday

Distribution was to 240, 273, 113, 182, and 386 email addresses respectively.

The first two releases were sent to 27 schools the week before the start of the school holidays:

The releases were also sent to Hawkesbury District Independent, Troy Dodds at Media View and Maryann Jenkins at Fairfax Media. This received coverage in two of the local papers.

It is estimated that the attendance for the day was over 1000 people for the day. The catering supplies ran out twice, Space Camp felt they attended to over 150 children and there was a steady stream of people through the day including people arriving 30 minutes before closing.

#### **Other reports:**

**MAAA Scale Report**

**John Rolfe**

John provided a comprehensive report to the meeting, this will appear in the newsletter with photos as a separate item.

**MAS NSW Fly-In, Vineyard 5-6 October 2013**

**Steve Murray PRCAC**

Steve provided a report of the recent MAS NSW fly in to the meeting and this report will appear in the newsletter as a separate item with photos.

Move that all reports be accepted.

**Moved:** CVRCMAC    **Seconded:** MAS Cootamundra    **Carried**

**Awards:**

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

|                  |      |       |
|------------------|------|-------|
| Michael Tulk     | HMAS | 71062 |
| Clive Ellis      | CMAC | 17572 |
| Logan Taylor     | Bega | 73980 |
| Rod Ellis        | CMAC | 15800 |
| Nimal Senatilaka | CMAC | 76655 |

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

|                |       |       |
|----------------|-------|-------|
| Michael Parker | IMAC  | 25473 |
| George Semaan  | PRCAC | 73864 |

**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:** CMAC    **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:**

**General Business:**

The first item of General Business is:

The next Business Meeting and of MASNSW will be held at the Garden Terrace Room, Workers Parramatta, 163-165 George Street, Parramatta on the 8 November 2013. The meeting to commence at 8.00pm, (2000hrs), All Members, Observers, and visitors are welcome.

**Flying Demonstrations of Models at schools**

We had a request from one of our clubs as to the situation of providing outside flying demonstrations to support our promotions at schools and other venues. The question was to clarify if we can conduct demonstrations without a formal CASA Public Display approval. This always takes into account that the necessary areas and safety distances are complied with. The Executive has put this to the MAAA executive and we have been advised that we cannot conduct any form of outdoor demonstrations without a formal CASA Public Display approval. Further information can be provided from the Secretary or President.

**There being no further business before the meeting, the meeting was declared closed at: 10.30pm**

# MASNSW 2013 Events Calendar

(Compiled 15/10/2013)

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

## October 2013

|         |   |                |                 |              |
|---------|---|----------------|-----------------|--------------|
| * 16-20 | Coota Cup – Old Timers                      | Cootamundra    | Grant Manwaring | 02 6241 1320 |
| 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 |
| * 26    | Pattern/Aerobatics                          | Camden Valley  | Richard Knox    | 02 4446 1021 |
| 25-27   | 2013 MAAA National Air Races                | Cootamundra    | Joe McGuffin    | 02 9825 4695 |
| 25-27   | Twin Cities 30th Annual Float Plane Weekend | Albury         | David Balfour   | 02 6043 3169 |

## November 2013

|                 |   |                  |                     |                     |
|-----------------|---|------------------|---------------------|---------------------|
| 2-3             | Camden Valley Scale rally                         | Camden           | Ted Ashley          | 02 4647 8903        |
| 8               | MASNSW General Meeting                            | Parramatta       | Bob Carpenter       | 02 4577 6612        |
| 9-10            | Warialda Fun-Fly                                  | Warialda         | Laurie Riley        | 02 6729 4165        |
| * 9-10          | NSWSAS Scale Round 4                              | Richmond         | John Rolfe          | 02 9734 6288        |
| * 10            | Shoalhaven Shield, 2m Glider Millennium Cup Rd 7  | Bomaderry        | Ian Avery           | 02 4232-1093        |
| 17              | Seaplanes over Penrith                            | Penrith          | Tim Nolan           | 0412 173 440        |
| 23-24           | Sportsman Pylon                                   | Marulan          | Jeremy Randle       | 0418 390 446        |
| <b>23-24</b>    | <b>Pattern/Aerobatics NSW State Championships</b> | <b>Illawarra</b> | <b>Richard Knox</b> | <b>02 4446 1021</b> |
| 29-30/11 – 1/12 | ASAA Aerobatic Australian Championships           | Yenda ACT        | Norm Frazer         | 0402 485 384        |

## December 2013

|    |   |            |                 |              |
|----|---|------------|-----------------|--------------|
| 1  | Appin 2 <sup>nd</sup> Annual Electric Fun Fly Day | Appin      | Laurie          | 0438 327 044 |
| 1  | Seaplanes over Penrith                            | Penrith    | Tim Nolan       | 0412 173 440 |
| 7  | F5J electric Glider Round 2 of Picton Cup         | Appin      | Peter Pine      | 0407 732 440 |
| 8  | Electric Old Timer                                | Appin      | Peter Henderson | 0400 679 922 |
| 13 | MASNSW General Meeting                            | Parramatta | Bob Carpenter   | 02 4577 6612 |
| 15 | Seaplanes over Penrith                            | Penrith    | Tim Nolan       | 0412 173 440 |

## January 2014

|       |   |             |             |              |
|-------|---|-------------|-------------|--------------|
| 18-19 | Seaplanes at Lake Wallace               | Wallerawang | Dave Brown  | 02 6355 7298 |
| 25-26 | Sailplane Expo – Open Thermal, F5J, DLG | Armidale    | Hutton Oddy | 0425 285 758 |

## February 2014

|       |                        |            |               |              |
|-------|------------------------|------------|---------------|--------------|
| 14    | MASNSW General Meeting | Parramatta | Bob Carpenter | 02 4577 6612 |
| 15-16 | Banjo Patterson Rally  | Orange     | Chris Hansen  | 02 6361 8587 |

## March 2014

|     |   |              |                    |              |
|-----|---|--------------|--------------------|--------------|
| 2   | F5J Electric Glider - Lake George Soaring Field | ACT          | Paul Osmond        | 0429 668 883 |
| 1-2 | Hunter Valley Champs – Old Timers               | Muswellbrook | Phillip Thichtener | 0417 725 981 |

## April 2014

|       |                                     |                   |            |              |
|-------|-------------------------------------|-------------------|------------|--------------|
| 18-20 | AEFA National Electric Flight Rally | Barossa Valley SA | Peter Pine | 0407 732 440 |
|-------|-------------------------------------|-------------------|------------|--------------|

## May 2014

|       |                      |              |                    |              |
|-------|----------------------|--------------|--------------------|--------------|
| 3-4   | Veterans Gathering   | Muswellbrook | Phillip Thichtener | 0417 725 981 |
| 17-18 | COMSOA Scale Fun Fly | Maitland     | Paul Robertson     | 02 4946 8334 |

June 2014

July 2014

26-27 Frank Bryant memorial Warbirds Weekend Muswellbrook Phillip Thichtener 0417 725 981

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## **Cancellation of Seaplanes at Wallerawang November 2013**

We have been waiting patiently for a new pontoon to be constructed - we now have the beginnings of one, but it is an island, so we can't use it in current form and is now in the way for safe operations.

23 24th November, Seaplanes at Wallerawang is CANCELLED. However, planning is underway for 18th and 19th January 14 to be able to be in full swing.

More later, Brownny

# CIAMFlyer



The Introduction  
to the Modelaircraft World

No. 4-2013

## How aeromodelling can boost a career

The realisation that hobby and career can benefit each other is not new. Aeromodelling as a highly technical hobby and demanding sport presents a particularly large number of synergies with career and work. Many remarkable examples can be found in the technical trades and professions, one of which is CNC operator, Rogers.



*CAD system showing the strut support of the SR-71 main undercarriage on the screen.*

## Design and construction of a model airplane provides motivation for learning

When the company that employs Rogers as a CNC operator acquired a completely new machining centre, they supported Rogers through an intensive training course. During working hours he designed and manufactured workpieces such as turbine blades. After work and on weekends he was able to use the same manufacturing process to make components he needed for his model airplane. Creating solid models of workpieces with complex shapes is a very challenging task for any designer. To familiarise himself more with this demanding subject, Rogers designed numerous new assemblies for his SR-71 such as undercarriages, frames, battery holders, etc. – plus a fully equipped transport trailer with custom-made racks. All this work carried out in his free time let Rogers acquire impressive in-depth skills and know-how in a much shorter time than normally expected.

## A win-win situation

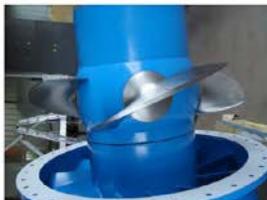
The benefits of this collaboration for both sides are obvious. The company has gained a qualified employee who is capable of independently carrying out the entire manufacturing process from electronic drawing board to a

complete machined workpiece. With this background knowledge, the Kaplan blades for three turbines for a small hydroelectric plant could be manufactured in a short time. Thus, the customer, the company and Rogers benefited from this very special kind of co-operation. And Rogers as an aeromodeller had an ideal opportunity to design the complex mechanical components often required for scale models himself and manufacture them in the highest quality.

*Rogers's workplace is a modern five-axis machining centre. This is where he designs and manufactures many Blackbird components in his free time.*



## CIAMFlyer



**Product of profession:**  
Kaplan turbine for water power



*LED rings imitate the afterburners.*

*Impressive model of the twin-engine SR-71 Blackbird*



**Product of hobby:**  
All components for the undercarriage test rig as well as the mounted undercarriage were made using the machining centre



### The SR-71, an exceptional aircraft

The SR-71 Blackbird was built in the 1960s by Lockheed in the USA as a fast reconnaissance aircraft and even the original was an exceptional aircraft. The replica is no less special. Rogers's model is over three metres long and weighs nearly 20 kg. It is equipped with two BF-300 turbines that provide the model with a total thrust of 60 kg. LED rings at the outlet simulate the afterburners. This long black flying tube impresses lay persons and experts alike.

#### Public Letter 4/2013

Facts and photographs: H. Mettler  
www.fai.org/aeromodelling/ciamflyer  
Editor: Emil Ch. Giezendanner  
editor@modellflugsport.ch



# 66th MAAA Nationals 2013

## Radio Control Program

The 66<sup>th</sup> 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.

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

|  |   |
|--|---|
| <p><b>Helicopter</b></p> <p>Lake George , Canberra, ACT<br/>                     4-5 May 2013</p> <p>Contact:<br/>                     George Atkinson 0414972118</p>  | <p><b>Events</b></p> <p>F3C<br/>                     Advanced<br/>                     Novice<br/>                     F3N</p>  |
| <p><b>Scale</b></p> <p>MASNSW State Field, Cootamundra<br/>                     25-29 September 2013</p> <p>Contact:<br/>                     John Rolfe 0402102512</p>  | <p><b>Events</b></p> <p>F4C<br/>                     Large Scale<br/>                     Stand Off Scale<br/>                     Open Scale</p>   |
| <p><b>Large Scale Racing</b></p> <p>MAS NSW State Field, Cootamundra<br/>                     25-27 October 2013</p> <p>Contact:<br/>                     Joe McGuffin 02 9825 4695</p>  | <p><b>Events</b></p> <p>Golden Era Inline<br/>                     Golden Era Radial<br/>                     North American AT6<br/>                     Reno 62cc<br/>                     Formula F1<br/>                     Extreme 20<br/>                     Extreme 30</p> |
| <p><b>IMAC (ASAA)</b></p> <p>Bardney Field, Myall Park Rd, Yenda NSW<br/>                     29 November – 1 December 2013</p> <p>Contact: <a href="http://www.scaleaeros.com.au">www.scaleaeros.com.au</a><br/>                     Bill Bland</p> | <p><b>Events</b></p> <p>Basic<br/>                     Sportsman<br/>                     Intermediate<br/>                     Advanced<br/>                     Unlimited<br/>                     Freestyle</p>  |

## The 66<sup>th</sup> MAAA Scale Nationals

The running of the 66th Nationals is being held at the MAS state field at Cootamundra 25th to the 29th of September it has taken 10 months to organize this by many people



*Nancy Williams enjoys the day*

I would like to thank first the following: Cheryl Rolfe for organizing with all the pilots, council, catering and much more.

- Bill Mansell, the coordinator looked after judges and much more.
- Ted Ashley for his work for the design and manufacture of certificates, coordinating things to be done at the field and much more.
- Col and Kaylene Ashley for their tireless help in organizing and all the catering and more.
- Steve Norrie for all his help in getting things done to our approval at the field and being chief judge for 3 days.



*400 years of modelling experience Graham, Rob, Ross, Bill, Garry and Alf*

- There are a lot more people to thank but we do that in our newsletter

On arrival at the field on the Wednesday it was in pristine condition - I could not believe the change from 2 weeks prior. People started rolling in as this was the official registration day. Each entrant



*Tenzo catching magic moments*

was given a bag with dremel goodies and a small Nats badge. Caravans were setting up, we set up all our computers and Cheryl in a tarp in area under the stairs.



*Rogle saying to James "I don't think it fits there"*

Thursday was a blow out due to high winds gusting to 16/m/s so static was all day,

Friday was virtually no wind so into the flying with F4C first then Flying only and static and Large Scale & F4H.

Saturday there was wind up to 6/m/s but flyable and we were able to push through 4 rounds

which just about bought us up to date as we had to get through 114 flights all up. Saturday we



*Young Ben Tennant with his ballistic Yak*

had the Gala Night which included all the recognition certificates to all the helpers and to all the judges and sponsors. Also the place getters for static were presented. We also had prizes for all pilots these included Aurora 9 Tx/Rx radios, kits, battery chargers, RCSB life time supporter certificates and dremel packs, 40 1.25 Lt bottles of Whisky and Bourbon from a local Distillery and also a prize out of the hat for those that pre entered. This also was an Aurora 9 Tx/Rx.



*Graham Harrod's scratch built Chipmunk*

Sunday turned out to be the same as Friday, little wind and we were able to push through the remainder of the rounds and have the presentation and pack up by 2pm which was great as some people had long distances to go ie: Vic, Tassie, Qld and NSW Central Coast.

The 66<sup>th</sup> MAAA Scale RC Nationals was a great success with good numbers and the NSWASAS feels this is the way to continue with Special Interest Groups running their



*Graham Harrod with his Scratch built Stearman*

own sections. Once again we would like to thank our state body (MAS NSW) for their help and



*Alf Williams Scratch built Storch*

supplying a 1st class field and facilities for this

*Clive Butler with his Wirraway with a Moki Radial*



scale event. One interstate person quoted “it’s the best Nats and the friendliest” that he has ever been to. All comments so far have been “well

done, great event”. All results and photos can be seen on the <http://www.thetisc.com/> website

John Rolfe Contest Director



## Club News

Steve Murray (PRCAC)

# Report on the Fly-in and Airshow Hosted by MASNSW and HMAS - October 5th and 6th 2013

Anyone who has been associated with the organising of an event of this scale before, knows that they don't just happen by themselves. The conception of the idea takes seconds, but the planning takes months of effort and far exceeds the work to be done on the days the events actually take place.



It was evident that all the planning and forethought had gone into making this weekend the success it was, because it resulted in hundreds of the public being treated to a superb demonstration of modern aeromodelling.

A few notable points are worth singling out:



1. The decision to have the test-flying day on the Saturday before allowing the public to view on the Sunday was very sound. It meant that not only could the flight-controller make good assessments of the aircraft and the abilities of the visiting

participating pilots prior to the event – but it meant that the prospective pilots had a stress-free way to become acclimatised to the field, the runway layout and the protocols for dealing with flying before having to do it in front of hundreds of onlookers. It was an excellent example of prior planning working to suit all parties.



2. The event was well publicised – which is of course, extremely important and may sound obvious – but it's also the sort of thing at which aeromodellers who are more attuned to dealing with machines and technologies, are not adept. This was well disseminated to the public though, with notices being emailed weeks in advance, along with advertising in local newspapers. Even a programmable road sign had been hired in advance of the event and positioned strategically on Windsor Road.
3. Logistics had been accounted for – also exceptionally important because if it's not done properly, the visiting public will notice. The St John Ambulance Association was present on both days and thankfully didn't have any cause to fire up the defibrillator – but it was there if needed. They were just as effective dispensing sun-block on both days. There was ample provision for ablutions with several

portaloos being hired and installed in a suitable location before “chocks away”. These were in addition to the catering, which while not a novelty at events like this, was well-provisioned and well-staffed. Families were welcomed with a bouncy castle being in place for those wanting to jump around and there was a Space Camp activity set up as well. There was a commentary provided over a personnel address system, so that the visiting public could be informed as well as entertained – and last, but not least – two very charming ladies appeared with complimentary cans of Red Bull.



4. The event also presented an opportunity for some fund-raising for worthwhile charities and with the input from volunteers; \$500 was raised for charity – a good day's work for those aeromodellers who were not flying on the day.



5. The idea to offer other clubs an identifiable presence was very welcome too. Although we were being hosted by HMAS, they made clear to us that individual club representations could be established to demonstrate the regional viability

aeromodelling as a sport. Consequently, we were permitted to roll up in our PRCAC club polo-shirts and set up our shade-tents with our club banner to identify us as a participating group. A collegiate and inclusive atmosphere.

6. The inclusion of demonstrations of Control Line flying (provided by CLAS NSW) ably demonstrated to the public that there is more to Model Aviation than only Radio Control and showed a more encompassing view. Over the lunch break they put on an excellent display of stunt and combat model flying. For many of us, this was a welcome stroll down memory lane, but it was more than that to some because a few of the kids we encouraged to actually have a go.



7. The Inclusion and support of the Rural Fire Service, who provided the catering and car parking, showed a complete community involvement. Proceeds all went to the RFS to support their activities and once again gained support from the Community.
8. The provision of a Jumping Castle and Children's activities provided a full family focus and needs to be included in future shows.

In summary, it was a great event – aeromodelling old and new was on display to an appreciative public. It's amazing what can be achieved by unpaid volunteers, with the right sort of backing and support!

## State Field Report October 2013

Steve Norrie (SFO)



The Coota field is really looking great. It's one of the best fields in the country (not my words but I do agree) - these words have been passed to me by several of the recent visitors to the field. The runway watering system is now operational; the runways have been seeded, top dressed, rolled, watered and mowed and mowed and mowed....

The hours of preparation required to get our field to this condition were provided by the Cootamundra Aeromodellers Association



Members - many thanks to all concerned.

The Scale Nationals, held just two weeks ago went very well (see separate by John Rolfe on pg 19 – ed).

The aerial pictures, provided by a local photographer show just how good your State Flying Field looks now.

For bookings email [stateflyingfield@masnsw.org](mailto:stateflyingfield@masnsw.org) or Phone 0418874740

Cheers, Steve



## Millennium Cup - Round 6

# Heathcote Soaring League – 20 October 2013

We had 14 pilots enter in Sunday's competition.

The forecast was for strong winds from the north, building in the afternoon, with high temperatures. In fact we had light to moderate winds and temperatures in the mid to high 20s. Conditions were cyclic and at times it was quite challenging and at others there was good lift about. Certainly in the period after midday the conditions were quite conducive to soaring.

We had a break for lunch just before 12, after having flown five rounds. We flew a further three rounds after lunch for a total of eight rounds on the day.

Late in the day Les Morris and Doug Lacey had an unfortunate mishap with a mid-air collision while both were trying to work very low lift near the western edge of the field. Doug's aircraft was able to continue on but Les's aircraft incurred a severed wing and fell into the low scrub just off the edge of the field.

At the end of the day the 1st placed pilot was Barry Burke. Congratulations Barry.

In second place was Fred Lodden and in third place was Jack Murphy.

The results were:

### 2013 MILLENNIUM CUP - ROUND 6

#### Heathcote Soaring League

| Place | Name            | Rnd1 | Rnd2 | Rnd3 | Rnd4 | Rnd5 | Rnd6 | Rnd7 | Rnd8 | Raw Score | Drop | Score | Norm |
|-------|-----------------|------|------|------|------|------|------|------|------|-----------|------|-------|------|
| 1     | Burke, Barry    | 340  | 353  | 359  | 238  | 285  | 390  | 247  | 398  | 2610      | 238  | 2372  | 1000 |
| 2     | Lodden, Fred    | 394  | 230  | 399  | 236  | 305  | 328  | 279  | 400  | 2571      | 230  | 2341  | 987  |
| 3     | Murphy, Jack    | 405  | 399  | 248  | 309  | 402  | 338  | 223  | 223  | 2547      | 223  | 2324  | 980  |
| 4     | Metzger, Klaus  | 358  | 395  | 379  | 203  | 355  | 270  | 163  | 357  | 2480      | 163  | 2317  | 977  |
| 5     | Ceo, Marc       | 353  | 290  | 357  | 378  | 356  | 394  | 137  | 159  | 2424      | 137  | 2287  | 964  |
| 6     | Gibson, Bill    | 367  | 371  | 244  | 200  | 384  | 351  | 168  | 356  | 2441      | 168  | 2273  | 958  |
| 7     | Weston, Kevin   | 117  | 306  | 383  | 207  | 195  | 400  | 283  | 360  | 2251      | 117  | 2134  | 900  |
| 8     | Kinlay, John    | 321  | 90   | 165  | 252  | 180  | 340  | 333  | 403  | 2084      | 90   | 1994  | 841  |
| 9     | Lacey, Doug     | 300  | 200  | 400  | 266  | 188  | 357  | 166  | 267  | 2144      | 166  | 1978  | 834  |
| 10    | Wadeson, Dave   | 234  | 170  | 310  | 142  | 358  | 358  | 187  | 357  | 2116      | 142  | 1974  | 832  |
| 11    | Morris, Les     | 348  | 233  | 323  | 251  | 153  | 354  | 148  | 166  | 1976      | 148  | 1828  | 771  |
| 12    | Thompson, Roger | 163  | 108  | 357  | 212  | 212  | 348  | 178  | 121  | 1699      | 108  | 1591  | 671  |
| 13    | Stone, Max      | 101  | 187  | 177  | 149  | 372  | 205  | 232  | 69   | 1492      | 69   | 1423  | 600  |
| 14    | Sterrett, Ron   | 322  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 322       | 0    | 322   | 136  |



*Max Stone (yellow shirt) piloting his aircraft with his timer Jack Murphy looking on as the aircraft approaches in the landing pattern. The launch area and pits are seen in the background.*

## Upcoming Events



**Wings Over Richmond**  
with  
**Hobart Model Aero Club**

HMAC in association with TMAA & MAAA are hosting

**Tasmanian Scale Championships**

**in: F4C, F4H & Open Scale**

**at: Kelly Field  
Campania Road  
RICHMOND**

**on: Saturday 9<sup>th</sup> & Sunday 10<sup>th</sup>  
NOVEMBER, 2013**

**Camping at Kelly Field and Billets available**

Contact: Bill Jennings 03+62951941  
Tony Sheppard 0400106930  
Tony Gray 03+62681111

Shoalhaven Model Flying Club Inc.  
Presents

The 31<sup>st</sup> Shoalhaven Shield  
Two Metre Thermal Glider Event  
10<sup>th</sup> November, 2013.

Fletchers Lane Flying Field, Bomaderry.  
(off Meroo Road)

Briefing 9am for 9.30am start

This event is the final round (Round 7) of the

**Two Metre Glider Millennium Cup 2013**

**Millennium Cup Launching - 6 minute max - spot landing**

**Bacon & Egg Rolls for breakfast**

**Steak/Sausage Sandwiches, Drinks, Tea & Coffee.**

Further Information: Ian Avery (02) 4232 1093

[iwa@internode.on.net](mailto:iwa@internode.on.net)

# Sydney Radio Control Society

## General Fly In

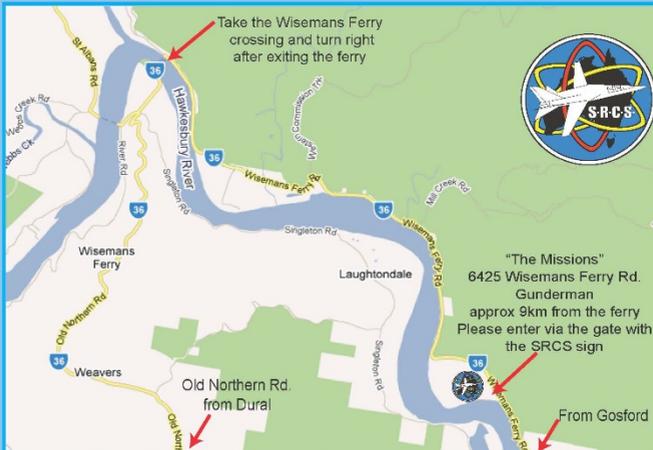


**Saturday 16<sup>th</sup> November**  
**Gates open at 9am for all day flying**

Last years event saw an incredible array of models from park flyers to turbines  
Everyone who attended enjoyed a great days flying in a really festive atmosphere.  
Come along and help make this year's event even better,  
and if you enjoy our facilities you can even join the club

All types of  
aircraft welcome

giant models  
trainers  
scale  
funflies  
helicopters  
electric  
IC  
turbines  
gliders



**\$10 entry fee includes BBQ lunch, a drink  
and entry into our lucky door prize.**

Enjoy a day's flying with us at the most scenic flying site in the Sydney Basin. All levels of flying skill are welcome, just turn up on the day and fly as little or as much as you like.

**No competitions, no pressure, just enjoy flying!**

**Bring your family along and enjoy a picnic by the Hawkesbury River**

**MAAA Cards and Permits to Fly for large models must be presented at registration**

If you have any questions please contact Mike Close, [president@srcsclub.com](mailto:president@srcsclub.com)  
Please check the SRCS website on the day for cancellation information in the event of bad weather. An announcement will be made by 7am.  
[www.srcsclub.com.au](http://www.srcsclub.com.au)



# **CANBERRA MODEL AIRCRAFT CLUB**

# **SCALE RALLY**

# **2013**

**November 16 & 17**  
In association with

## **THE FLYING SCALE ASSOCIATION OF NSW**

### CATEGORIES

|                         |                       |
|-------------------------|-----------------------|
| Large Civilian over 80" | Model of the meet     |
| Large Military over 80" | CMAC Members Model    |
| Civilian under 80"      | F.S.A.A. Members Draw |
| Military under 80"      | Modified ARF          |
| Best Electric           | Best Stock ARF        |

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

All categories judged by pilots Sunday 12pm to 1pm.

Email: [teekay@bigpond.net.au](mailto:teekay@bigpond.net.au) to register your interest.

FOR FULL DETAILS  
CONTACT TERRY GRIFFITHS  
0402 954 151

FOR MAP LOCATION GO TO OUR WEB SITE  
[www.cmac.org.au](http://www.cmac.org.au)

On site canteen all weekend



just an average  
group of flyers with an obsession for precision aerobatics

### *RC PRECISION AEROBATICS - 2013*

The NSW State Championships is the last event for 2013 in NSW and also the last event flying the current patterns, to be held at Illawarra MAC on 23 and 24th Nov 13. Please enter through the NSW Pattern Flyers website by no later than COB Tue 22 Nov 13, at [www.nswpattern.org.au](http://www.nswpattern.org.au)

(There is still some doubt about the availability of the Illawarra field at present due to negotiations about the Illawarra MAC continuing at their field, but we will let you know in plenty of time. We have a contingency plan in place, which is to go to SMFC Fletchers Lane at Nowra, but on the following weekend the 30th Nov and 1st Dec 2013. Keep a close eye on our website for any updates and announcements).

During the State Championships, the NSW Pattern Flyers Inc. will be holding the Annual General Meeting as we have done in the past. Formal letters will be sent to all Members of our Association with Agenda etc in accordance with the NSW Fair Trading Rules. Note: to become a Member of the New South Wales Pattern Flyers Inc, the application forms are on our website, together with the joining pre-requisites. There is no joining fee and we always welcome new members and new competitors at all our competitions including the State Championships. You do not have to be a Member to join in our competitions, just enter through the website, or call Richard Knox on the number below.

The new P15 Pattern will be flown from our first Competition next year. The P15 Schedule together with Expert, Advanced and Sportsman Schedules and call cards are all on the APA Website, the link is on our website [www.nswpattern.org.au](http://www.nswpattern.org.au).

The Competition Calendar for 2014 is currently being locked down by the Committee, and will appear on our Website as soon as it is finalised. The dates will also be available through the MAS NSW website calendar, and on the Australian Pattern Association Website. It is anticipated that there will be a one day Competition in mid-January at a field to be advised, and the first two day event will be at Fletchers Lane, Bomaderry, just north of Nowra on the 15th and 16th Feb 2104.

For more information contact Richard Knox, on 02 4446 1021, or at [rpknnox@bigpond.com](mailto:rpknnox@bigpond.com)



## **NSW PYLON RACING** **CLUB inc**



**Q500, F400 F3D, and the  
Electric EF-1 and Funfighter (i.e. Rare Bear) PYLON  
RACING at**

**“ARTHURSLEIGH”  
MARULAN**

**Sunday 24 November 2013 – 9:00am Pilot briefing**

Practice and sports flying Saturday 23 November 2013

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

*New Racers Always Welcome*

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Shearer's huts accommodation and camping available at field along with showers,  
cooking and Bar-B-Q facilities

or

Ali's Motel Tavern and Restaurant at Marulan Phone 4841 1330  
<http://www.alismotel.com.au>

For more information and field directions, contact  
**Jeremy Randle 0418 390 446**

(This is a private field and is only available on the advertised dates which is why we  
cannot publish field directions)

<http://www.nswpylon.org/>

**FUEL SUPPLIED ON RACE DAY**

**Reminder: Marulan number one 19/20 October 2013**

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# THE ASAA-MAAA SCALE AEROBATIC IMAC



## NATIONALS Nov 29th-Dec 1st 2013



Bardney Field  
Myall Park Rd  
Yenda NSW

All 5 IMAC Classes and Freestyle competition.  
Competition Details and Entry is Via the ASAA Website  
[www.scaleaeros.com.au](http://www.scaleaeros.com.au)



# APPIN SPORT AEROMODELLERS CLUB 2<sup>nd</sup> ANNUAL ELECTRIC RALLY

Sunday 1<sup>st</sup> December

All models great and small encouraged to attend



Flying from 9am entries in by 10am

Entry = \$15 (*includes lunch and a drink*)

Also many other awards to be handed out and a very tasty

BBQ serving hot roast beef and gravy rolls as a specialty!

Display by the electric Rare Bear pylon racing

Contact the committee for more info or head to

[www.asacclub.com](http://www.asacclub.com)

President Laurie: 0438 327 044

Secretary Barry: 0414 491 934



# MAS NSW FLY-IN

14, 15, 16 March 2014

Save the  
Date!

Cootamundra State  
Field Update:

- New watering system has produced a perfect surface for flying
- The new mezzanine section is the best platform for viewing, not to mention the breeze
- New showers and toilets have been a welcome improvement by all recent visitors



Make a great weekend at the  
State Field, Cootamundra.

MAS NSW will be holding a  
Fly-In for big, small, scale,  
gliders, GAS, electric. It will  
start on Friday morning and  
go through to Sunday  
afternoon.

For more information  
contact:

Tim Nolan 0412173440



MORE INFO TO FOLLOW

# Coffs Coast EDF Jet Meet

15-16 March 2014



On behalf of our club I'm organizing a major Electric Ducted Fan jet meet to be held at our Emerald Beach flying field, part of beautiful Coffs Harbour, Mid North Coast N.S.W.

Our flying facility is leased from the Coffs Harbour Clay Target Club and the field is situated right on the Pacific Highway approx 22km north of Coffs Harbour. The field has a 35 x 200m good quality grass strip as well as a clubhouse with full amenities and numerous caravan camping sites with AC power. Advance booking is recommended for these sites with a small fee charged. Numerous power point charging junctions will be available but it is recommended you bring your own short extension lead with multi adaptors.

Friday, the field will be open for general flying and early registration. Saturday, all day flying will commence at 8:30 am with an evening smorgasbord dinner served at the clubhouse. Prior bookings will be essential for the evening meal as there is limited seating.

Sunday, all day flying with the presentation held after lunch between 1-2pm. A BBQ lunch with light refreshments will be available Sat and Sun.

There will not be any formal competition during this fun fly. Bring as many EDF foamy models as you wish, fly as much as you like with limited number of pilots flying at the same time, decided each morning at pilots' briefing. For the safety reasons, separate flying time will allocated for pilots wishing to fly hand or bungee launched models if required.

I'm hoping to make this a successful annual event, and would like, on behalf of the club, to invite any interested MAAA registered pilots to participate. Sponsors are most welcome to take part and set up .



More info: Joseph Frost - 0403 116 491  
Email: [frostjos@gmail.com](mailto:frostjos@gmail.com)  
Norman Wagener - 0266 561 227  
Email: [wageners@hot.net.au](mailto:wageners@hot.net.au)

## For Sale

Reluctant sale by retired aeromodeller. All items available individually. Many more minor items available (fuel pump, covering iron, batteries etc).



Magnum FS52AR 4 Stroke  
New in box – never run.  
**\$100.00**

Seagull Boomerang 40 Trainer. No longer in box but unassembled. Includes all parts plus manual. Also included a second undamaged, assembled fuselage (complete airframe minus wings – includes tail feathers, undercarriage, fuel tank and engine mount). Ideal mount for the Magnum engine above. **\$75.00**

**Penrith area – Call:  
Dave on 0439 264 220**



## WARBIRD KITS AND ENGINES FOR SALE

### ALL NEW AND UNTOUCHED

### PHOTOS AVAILABLE ON REQUEST

- # HD Model Design P40 Kittyhawk - 94" - glass fuse sheeted wings and tail - includes spinner, cowls, canopy. Some hardware included - \$600  
Robart rotating retracts complete with wheels to suit \$400  
Package deal kit and retracts - \$850
- HD Model Design Spitfire MkIX - 96" - glass fuse with sheeted wings and tail - includes spinner, cowls, canopy. Some hardware included - \$570
- 50cc Brisson engine - suits HD warbirds - NIB - with ignition unit etc - no muffler - \$370
- 50cc A&M Aircraft engine suits HD warbirds - NIB - with ignition unit etc - no muffler - \$350
- Custom made P51 Mustang - 100" - glass fuse with sheeted foam core wings and tail - includes spinner, cowls. Some hardware included. \$650 (comes with canopy that has slight damage to skirt but is still usable)  
Custom Retracts P51 retracts complete with wheels to suit \$450  
Package deal - kit with retracts - \$850
- Custom made P51 Mustang - 100" - glass fuse with un-sheeted foam core wings and tail includes spinner, cowls. Some hardware included. - \$500 (comes with canopy that has slight damage to skirt but is still usable)  
Custom Retracts P51 retracts complete with wheels to suit \$450  
Package deal - kit with retracts - \$750
- 2 x Yellow Aircraft MkXIV Spitfire - 88" - complete with Yellow Aircraft retracts, wheels, spinner, canopy and tail gear & wheel, with ST3000 engine to suit.  
All untouched in box - \$1500 each.
- Advanced Scale Models A26 Invader - ARF - 92" - unopened box - \$350
- 6 x SC/ASP 1.08 two stroke engines \$85 each
- 3 x Super Tigre ST4500 engines NIB with engine mount - \$200each

**Please contact Andy Lockett: ph 0263423054 email [mudpied@bigpond.com](mailto:mudpied@bigpond.com)**



## Various Items For Sale

1. JR. X3810 Transmitter as new, includes Aluminium Case and 141 page Instruction Manual - 36 MHz, 8 Channel SPCM/PPM 3 items 10 models. Top of the line quality **\$320**
2. Complete 1/5.5 82" wingspan Mustang airframe. This is the Dave Platt model, true scale complete with quality spring air retracts. Finished in RAAF Colours of 3 squadron in WW2. A beautiful model, it needs an engine/radio and servos **\$500**
3. Pica 1/5 scale Spitfire Mk. IX . 88" wingspan. This is a partially completed kit but comes with all the instructions, decals, spinner, canopy and cowling. Modified to be true scale and cut kit parts to complete the project. The Fuse, wing and tail feathers are mostly complete. Needs retracts , engine, radio etc. **\$400**
4. SuperTigre 4500 2 stroke Glow engine. Has done very little work, as new, with aluminium beam mount and Bisson inverted al. muffler. Would suit either of the above models. **\$200**
5. Other items available including "new" straight Balsa Sheets at approx. \$1 each.

For more Details contact Keith **0408471076.**

**Deadline for submissions to  
Newsletter #361 (December 2013) is  
Tuesday 12<sup>th</sup> November 2013.  
(Note: there will be no Newsletter  
in January so this will be the last  
chance until the February edition)**

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