



AEROMODELLERS
NEW SOUTH WALES



Royal Australian Airforce Cadets learning to fly R/C at the Shoalhaven Model Flying Club field during their September '16 school holiday camp at HMAS Albatross – more on page 13.

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Diary Notes

Next Aeromodellers NSW Meeting

Friday 14th October 2016, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Following Aeromodellers NSW Meeting

Friday 11th November 2016, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Newsletter #391 (November 2016) deadline for submissions:
Tuesday 18th October 2016.

Contacts

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

General Monthly Management Committee Meeting Minutes

Aeromodellers NSW Inc

DOOLEY'S Waterview Club
Cnr Clyde St & Silverwater Rd, Silverwater

Friday 9th September 2016

Meeting Opened: 8:00pm

Attendees: R Carpenter President, T Nolan Secretary, R Masters WPMAC, D Lewis Coota, S Norrie NSWAS, J Slavero HMAS, J Randle NSW Pylon, T Ingham WRCS, J Deece HMAS, B Thrift CVRCMAC, E Ashley CVRCMAC, G Hoy CMAC, G Atkinson WRCS

Visitors:

Apologies: A Nolan ROW, R Young CMAC

Minutes: Motion: That the minutes of the meeting held on the 12 August 2016 at DOOLEY'S Waterview Club, Silverwater as published in Newsletter 389 be accepted as a true and correct record of that meeting.

That the financials from the July meeting as published in Bulletin 09/2016-17 be accepted.

Moved: CVRCMAC **Seconded:** HMAS **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 Secretary, Change of email address for CASA applications
- M 1.2 Secretary, confirmation of MAAA Gliders for Bunnings Day
- M 1.3 Secretary, confirmation that the Presidents, registrars & Secretary published
- * M 1.4 Secretary, changes to MOP056, safe flying code
- M 1.5 President, advice that Wingspan has been published
- * M 1.6 Secretary, details for land teleconference
- M 1.7 Secretary, annual leave Friday 16-26 September, Monday 3-12 October
- M 1.8 Secretary, Advice Mid-Year President Conference 5 November
- * M 1.9 Secretary, response to CVRCMAC enquiry re MAAA Database breach

- * M 1.10 Secretary, check list for display applications now available

From other than MAAA:

- C 2.1 D Balfour, notification of Albury Seaplanes event (to Newsletter Editor)
- C 2.2 D Crepaldi, FPV racing group, display enquiry
- C 2.3 Assn Forum, invoice for work done (see Treasurers report)
- * C 2.4 G Hoy, ASRC enquiry re model aircraft.
- ** C 2.5 NSWFFS, approach to Council to bid for 2018 Nationals
- C 2.6 K Smith, Wagga, enquiry about software to manage financial records of a club
- C 2.7 G James, Cootamundra, advice field is closed due to rain
- C 2.8 CASA, further details requested for Temora Jets
- C 2.9 P Bennett, display application for Kempsey Air Display
- ** C 2.10 E Ashley, CVRCMAC, close field agreement review/changes
- C 2.11 F Nieuwenhuizen, NSW Pattern Flyers Inc, advert to Newsletter
- * C 2.12 B Tucker, WMAC, their club is 50 years old.
- C 2.13 C Buckley, WRCS, request for supply of silver/bronze wings
- C 2.14 B Payne, request for replacement glider instructor badge
- * C 2.15 S Norrie, Treasurer, changes to Associations Law starting 1 Sept 2016

C 2.32 Newsletters Received:
Nil

Late Correspondence:

Nil

Correspondence Out:

- C 2.40 S Norrie, Treasurer, chasing outstanding invoices from MAAA
- C 2.8 Forwarded to Applicant for information, reply received and forwarded to CASA

Business Arising from Correspondence:

- M 1.9 At the request of CVRCMAC the correspondence was read to the meeting including the MAAA response. The delegates from CVRCMAC were concerned that the MAAA did not answer the questions that were asked and will be asking them again. At the request of and with the support of the meeting the respective items of correspondence have been published in the minutes.

Further, CVRCMAC have requested that both their letter to the MAAA and the response be published in the newsletter so that other members can better understand what has occurred.

To MAAA:

Hi Dave,

CC: Tim Nolan , Secretary

Back in 2013 our Club Camden Valley RC Miniature Aviation Sports Club raised a number of concerns about the "new data base", after a number of exchanges we finally requested ,

- 1. MAAA advise the Security level (layman's terms) so we can confirm to members.*

2. MAAA to confirm they have arrange for independent Security audit's, at least annually and publish generalised results to members.

We now learn in 2016 July , over the past month or so the data base has been opened and data extracted , we have more questions.

3. What data was taken from the WEB site/data base and how many times was this accessed
4. When was the data extracted and by whom.
5. What action has MAAA taken to advise members , this should be within 24hrs of any breach as time is of the essence with security.
6. What is MAAA doing about plugging the holes that allowed this access.
7. Again, what is their security Audit plan going forward
8. Have MAAA had the code integrity independently checked under a stress test by an accredited company.

Our members hold MAAA responsible for their data and all risks associated with it's disclosure

Look forward to your reply,

Regards, **Bruce Thrift**

Vice President

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The MAAA response:

Dear Bruce,

Thank you for your enquiry. On receiving this email, the MAAA Lawyers and the membership system Contractor were copied in and requested to reply to this office. The Lawyers were asked to review the MAAA Privacy Policy on the MAAA website www.maaa.asn.au and recommend any amendments which may have been required since the Policy was originally posted. The reply to this request was that there were no requirements to amend the policy. The MAAA Privacy Policy can be seen at http://www.maaa.asn.au/images/pdfs/Privacy_Policy_v5_3_07_2014.pdf

As the privacy policy indicates, MAAA is not required to comply with the Australian Privacy Principles, however the MAAA is committed to respecting the privacy of its members. In reply to your questions:

Each login account can be created with these rights or privileges: Guest, User, SuperUser or Administrator. **Guest** – ReadOnly. **User** – Read/Write (MAAA Members who register for a login are assigned this right or privilege.) **SuperUser** – Read/Write/Delete. **Administrator** – Read/Write/Delete and can create login accounts within their scope. There are 4 levels of login (Roles) that scope member access on a hierarchical basis.

Federal – Can see all MAAA member data and can edit in most cases, but cannot join up members at club level. (1 person MAAA, Secretary). Federal level login can create other Federal level login accounts as well as State & Club level login. **State** – Can see all MAAA member data within their state and can

edit in most cases. State level login can create other State level login accounts within their state as well as Club level login for clubs within their state. (1 per state association) **Club** – Can see all MAAA member data within their club and can edit in most cases. Club level login can create other login accounts for their club. **Member** – Can see their own personal data such address etc. and can make changes. Can also see a list of their club members but excluding street address for privacy. There is also a special login account that has complete control. **System Developer/Administrator** – Has overall control of the system and can see and edit all member data. (1 person, R. Carrigg) The login database hashes (a one way encryption) the password which is why a password can never be retrieved if forgotten. So when you login, the system hashes the password you enter and compares that to what is stored in the database.

The database residing on the ISP server is encrypted, the database connection strings used by the application are also encrypted because they contain the database password. The Federal Secretary knows the database password. The database is backed up daily (apart from what the ISP does) and a copy is picked up by the Federal Secretary once a week. The system also backs up the database on the server every 6 hours (4 times/day) and keeps the last 7 days on a rotational basis. The web site uses Secure Socket Layer (https) which encrypts data transmission between client browser & web server. The encryption is provided by RapidSSL (128bit encryption key) and the site security certificate is supplied by GeoTrust.

The system is performing satisfactorily and the only issues we've had is valid login accounts being able to see member details they should not have had access to. (A scoping issue.) Those loopholes have been plugged and no other issues have been raised.

Notification of this and all changes to the system are available to all members in the 'site update' application at the bottom of the page. This is standard practice as requested by the State Associations when scoping the original system build. The system hasn't been breached by external sources in the **three years** it has been operational. It provides an adequate level of security given the sensitivity of the data it stores.

Overall the system performs reasonably well and apart from a few bugs in the early stages, has now settled down. Given that the system is used by many people, some with very limited computer skills it copes with the load adequately. The login user count increments by about 40 per day and was nearer 100 during the membership renewal period. The counter increments on a login when the browser is opened. It does not increment if re-logging in after time out. The counter is monitored for abnormal usage.

I trust that this answers your questions.

Regards

Kevin Dodd
MAAA Secretary

- C 2.5 The issues of the Nationals was discussed, and meeting directed the Executive to do a small mail chip survey to canvas members' for support of a combined Nationals in West Wyalong in 2018.

The Executive is looking for any persons who are interested in being involved at the Radio representative for this event (across all Radio Disciplines) for the 2018 Nationals.

C 2.10 CVRCMAC President spoke to the meeting on the history of the close field agreement between the two clubs, and that both clubs would now like to update the agreement to enable 7 day a week operations on 2.4GHz.

Motion: "That ANSW support the revised 'Close Fields Agreement' between CVRCMAC Inc. and Mac Sport Inc. as outlined in their joint letter dated 3.9.16 be endorsed and forwarded to MAAA for final approval."

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Moved WPMAC Seconded: NSW Pylon Carried

C 2.15 Recent changes to the NSW Incorporated Bodies Legislation; these will have a small impact on clubs and it would be advisable for Club Executives to check their Constitutions for any conflict with the current legislation and perhaps arrange for a meeting (AGM or Extraordinary General Meeting) to make any changes. A copy of the changes will be sent out as a bulletin to all clubs.

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

Moved CMAC Seconded: HMAS Carried

Reports

Treasurer Steve Norrie

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

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

Moved WRCS Seconded: CVRCMAC Carried

President Bob Carpenter

This month your executive has been busy with preparing for the Bunnings Father's Day Family event, Investigation of possible sites in NSW for a State Flying Field and also being part of the MAAA Land Council Telephone conference on possible MAAA Land purchases in both Victoria and South Australia.

It is pleasing to see a large number of clubs working with Bunnings, hopefully this will lead to more involvement with the end game to increase membership of younger people. I will leave the details of the report to Jackie, but a big well done from me to all those who are being involved.

Greg Hoy is leading the small team that is investigating possible sites for a further State Flying Field. He will provide the details in his report. I have also asked Greg to take my place on the Telephone Conferences with the MAAA Lands council. The reason for this is that Greg will then more fully understand the way in which MAAA and the Lands council provide proposals for land purchases to the membership. His participation in these Telephone conferences will provide knowledge for a better proposal when we are ready. Thanks for your support Greg.

Registrar

Dave Lewis

1945 members in 85 clubs. The Registrar is looking at developing a short video to assist other registrars to better use the MAAA online database.

Secretary and CASA Liaison **Tim Nolan**

Currently been working on numerous display applications with CASA, there is also a number of FPVR events being organized with CASA, you will see these being advertised shortly.

If you have any outstanding wings that have not been recorded please drop me a line and I'll follow them up.

Education Officer

Jackie Slaverio

The Bunnings events went very well, with many clubs participating in the inaugural event.

SAVE THE DATE: 8th December

If any club wishes to participate in the next Bunnings Family Fun Night, please email jackie.slaviero@hotmail.com with the club name, point of contact, email address and phone number of this person. Please DO NOT contact Bunnings directly. We would like to have a record of all the clubs that are actively participating.

I am working on a partnership with Inspiring Australia, CASA and a few other organisations. Once the plans are set, I will be calling for clubs who may be interested in organising a community event at their flying field. If you are someone who is interested in drone flying, I would like to hear from you.

As your education officer, I am always willing to assist in developing partnerships and events that will educate the community in aeromodelling. If you need any ideas or some support, just let me know.

I am also interested to get emails about educational materials that might be needed This includes chuck gliders – does your club need them? If so, how many and when for?

Land Committee **Greg Hoy**

The review of potential sites for a State Flying Field in or closer to the Sydney basin continues.

There are two opportunities for a second State field. The first being a long term lease from a local State or Federal Government entity, such as a Council, Water Board or Crown Lands. The second is a purchase of land via the available MAAA programs.

As part of the suitability assessment process, Grahame Hutchinson and I inspected two possible areas at Lawson (Blue Mountains) during the month. It was decided that the sites, whilst suitable for some disciplines, would not cater to the majority of flying activities and given their location were prone to strong wind gusts at certain times of the year. Consequently, these two sites have been discounted.

15 local Councils have been identified with potential flying areas within them and correspondence has been drafted outlining the ANSW endeavours and requirements for a multi-disciplinary flying field. The project team is also reviewing a number of properties both North and South of Sydney that are within 150km (2 hours) of the Sydney CBD.

Whilst the project continues, any members who would like to join the project team and assist, please do not hesitate to contact me at greghoy@bigpond.com. Should there be any clubs/members that may know of potential sites that would be suitable as a State Flying Field please let us know.

Other Reports:

Nil

Motion: That the reports be accepted.

Moved WRCS Seconded: CVRCMAC Carried

Awards:

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

Brian Steven	LMMAC	73858	S
Phil Morello	WRCS	84200	S
Rodney Clarke	WRCS	83597	B

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

Anthony Potoczko	COMSOA	76509
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Motion: That the nominations for Gold Wings be ratified.

Moved CVRCMAC Seconded: CMAC Carried

General Business:

The first item of General Business is:

1. The next General Monthly Management Committee Meeting of Aeromodellers NSW will be held at DOOLEYS Waterview Club, Silverwater commencing at 8pm on Friday 14th October 2016, all members and visitors are welcome.
2. J Randle, NSW Pylon offered his apologies for the next meeting.

There being no further business before the meeting, the meeting was declared closed at 10.00pm

Aeromodellers NSW 2016 Calendar

(Compiled 5/10/2016)

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

Oct 2016

9	Seaplanes - Regatta Centre	Penrith	Tim Nolan	0412 173 440
14	Aeromodellers NSW General Meeting Dooleys Waterview	Silverwater	Bob Carpenter	02 4577 6612
14-16	2016 F3C/F3N Nationals	Wagga Wagga	Brendan Tucker	bjtucker23@gmail.com
15	RC Precision Aerobatics	Camden Valley	Felix Nieuwenhuizen	0428 880 633
15-16	Large Scale Pylon Race	Canberra	Jeremy Randle	0418 390 446
23	2m Glider Millennium Cup Rnd 5	Maddens Plains	Fred Lodden	0418 443 804
28-30	Luskintyre Scalefestival 2016 (Flying Scale Aircraft Association of NSW)	Luskintyre	John Crockford	02 9489 7370
29-30	F5J Annual Tournament – NAAS Club Field	Canberra	Greg Tracey Peter Pine	0414 558 317 0407 732 440

Nov 2016

5-6	Club Scale Round 4 (RAAFMAC)	Richmond	Paul McKeown	0411 126 995
11	Aeromodellers NSW General Meeting Dooleys Waterview	Silverwater	Bob Carpenter	02 4577 6612
12	SRCS General Fly In	Gunderman	Mike Close	president@srcsclub.com
12-13	Old Timers - Golden West Event	Parkes	Peter Smith	0423 452 879
12-13	Warialda Fun Fly	Warialda	Barry Power	0427 885 058
13	Shoalhaven Shield & 2m Thermal Glider & Millennium Cup Rnd 7	Bomaderry	Ian Avery	02 4232 1093
19-20	Pylon Racing (TBC)	Marulan	Peter Kerney	0407 013 230
20	F5J (Picton Cup Rnd 2)	Appin	Bill Gibson	0435 439 377
23-27	Invitational Scale Classic Downunder 2016	Cootamundra	Cheryl Rolfe	cheza1954@iprimus.com.au

Dec 2016

9	Aeromodellers NSW General Meeting Dooleys Waterview	Silverwater	Bob Carpenter	02 4577 6612
11	Seaplanes - Regatta Centre	Penrith	Tim Nolan	0412 173 440

Jan 2017

26-29	37th Armidale Sailplane Expo	Armidale	Hutton Oddy	0425 285 758
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Feb 2017

4-5	Old Timers Competition	Orange	Steve Smedley	0418 577 834
10	Aeromodellers NSW General Meeting Dooleys Waterview	Silverwater	Bob Carpenter	02 4577 6612
18-19	Banjo Patterson Scale Rally	Orange	Steve Smedley	0418 577 834

Club News & General Interest

Forster & Tuncurry Model Aero Club Bunnings Display

Tony Turner (FATMAC)

Hello Bob & Jackie.

The Forster & Tuncurry Model Aero Club attended the recent Bunnings Club Promotion evening. Thank you for letting us know about this event – some photos are attached.



Led and coordinated by Club Treasurer, Pat Darbin, about half our members and several wives attended and assisted with this event. We:

- displayed a dozen planes,
- organized a colouring competition, and
- conducted a free sausage sizzle on behalf of Bunnings Forster.

We also assisted Bunnings with the area set up and final clean up – strengthening our relationship with the Bunnings management. At the end of the night, the Bunnings Supervisor said she looked forward to seeing our club at next year's event.

It was good to also see the Rainbow Flat Helicopter Club there showing a variety of rotary winged models.

Tony Turner
FATMAC Secretary



Royal Australian Airforce Cadets at Shoalhaven

Stewart Clarke (SRCS)

It was early on a sunny Sunday morning in late September. I packed the car for a week of solid R/C flying but I'm taking no planes, tools, fuel or transmitter. However, I will be flying pretty much non-stop 4-5 hours a day, every day for the coming week. What am I doing? Have I gone bananas? Well no. I'm privileged to be a security cleared Civilian Instructor attached to the Royal Australian Airforce Cadets. I'll be teaching the art of Radio Controlled flying to ten newbie cadets who hail from all corners of NSW. They come aged between 13 and 16 years and none have ever held a transmitter in their hands before. It's a daunting task ahead to try and get them to take off & land on their own in the short time available!

I arrive at HMAS *Albatross* naval base near Nowra on the South Coast of NSW and check in. There to greet me was the smiling, familiar face of Neil Gamble the local Cadet Chief and R/C instructor. Also just arrived are two other ADF approved civilian instructors, Col Buckley (WRCS) and Phil Chapman (SRCS). After finding our accommodation followed by a quick cuppa, we load the bus with the eager, camouflage dressed cadets, hitch up the trailer laden with Boomerang trainers (plus a HEAP of spare parts, fuel and litres of glue) and head out to the Shoalhaven Model Flying Club field located in the middle of Nowra horse racing track to watch the locals fly. The aim here is to familiarise the Cadets with the operation of a model aircraft strip.

After a briefing on safety, a trusty Boomerang 40 Trainer is assembled and each cadet is run through the starting procedure on a reliable OS 40LA glow motor. By now our students are frothing at the mouth to have a flight but (after checking no fingers are lost) it's back to base to prepare the other Boomerang trainers which have not seen light of day since the last camp, held the week before Easter, to make sure they're airworthy. In the classroom the cadets are shown how to charge batteries, check voltages and are given a brief 'walk around' of the model to show them what the various flight surfaces do. After supper there's Sim training for the young airmen to get a 'feel of the sticks'.

The first full flying instruction day arrives with a 6am wake up call, followed by a sumptuous breakfast in the mess at 6.30. It's a glorious South Coast day. Heaps of sunshine and little wind. There's feverish activity as the trailer is packed, bus loaded with cadets and it's off to the racetrack. With the help of our third civilian instructor Ray O'Malaine, a member of the local Shoalhaven Club,

assembly commences on the Boomerangs with the cadets doing the work under supervision. For flying there's an

ingenious cordless buddy box system where each aircraft houses two receivers, one for the master and one for the slave transmitters. The slave's operation is controlled by a spring loaded switch on the master. This system was designed by me to reduce cords tangling with propellers and little feet tripping & ripping the lead out of the TXs.

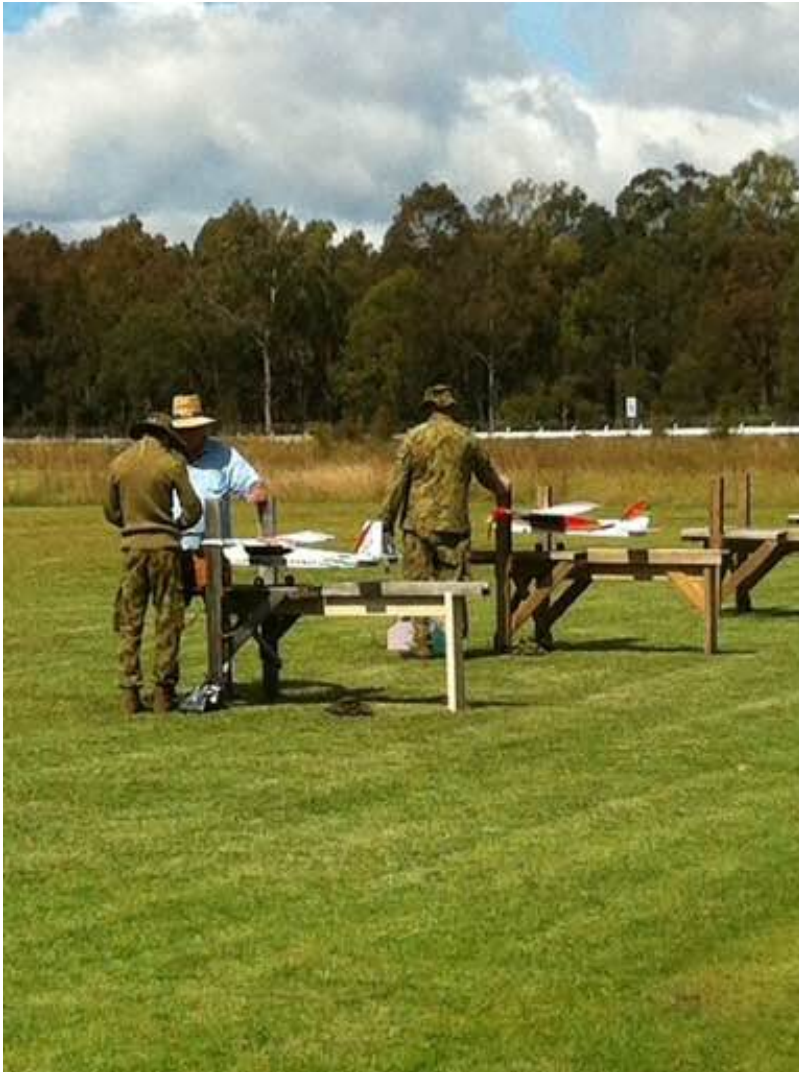
Each Cadet gets three to four flights of around ten minutes before lunch which arrives punctually at Midday from the base.

We take a short break and then it's back on the buddy boxes for more flying. Typical of the South Coast, the arch enemy...wind - comes howling in about 3pm so we call a halt for the day. Our students clean and defuel the planes, pack them back in the trailer and the convoy heads back to HMAS *Albatross*. There's time before dinner to carry out minor repairs, charge Tx & Rx batteries and then it's off to the mess at 6.30pm for the nightly feed. After dinner, the exhausted cadets usually watch a movie, play with the Sim and then off to an early bed ready to do it all again the next day.

After four days of solid flying, our intake are confidently taking off, executing left and right circuits and shooting landing approaches. In fact, a couple actually landed and one has even soloed. Unfortunately, we lose a whole day to rain but the hours are taken up on a bus trip to the Historical Aircraft Restoration Society (HARS) based at Albion Park aerodrome to see some 'real' aeroplanes.

By now my nerves are shot and I'm seeing Boomerangs in my sleep. Over the week we've burned 25 litres of methanol and totally demolished one plane due to an outfield landing. It's a very rewarding & satisfying job working with these young aviators, getting each one to their maximum potential. Often it's their first trip away from home but they have a good time with great camaraderie. There's marching and room inspections etc. to get a feel for military life and all that's needed is provided by the Cadet scheme. I'm already looking forward to the next Camp at Easter 2017 where we'll do it all again.

Stewart Clarke
Sydney Radio Control Society (SRCS).

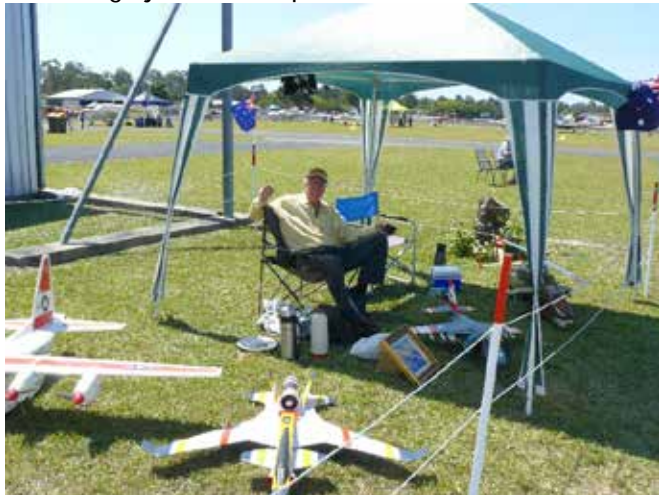


WINGS over MACLEAY

Joseph Frost (BCRCF)

Over the October long weekend (Labour Day), Kempsey Airport staged the first air show spectacular of its kind. The main attraction of this event was the **Paul Bennett Airshow**, Paul performing a death defying acrobatic display with his team through out Saturday and Sunday in perfect sunny conditions.

Part of his flying display was a demonstration by his regular RC pilots, Jeff Sparkes and Levi Wagner showing their skills with a fantastic flying display of their large jet turbine powered "F-16" RC models.



Cpt. Rod Hall also did his share of flying with the full size "L-39" jet based at Port Macquarie. Also on display among dozens of full size planes was a huge Australian Navy "MRH-90" helicopter. There was also constant joy flight action with the "Long Ranger" helicopter on both days for the public to enjoy some site seeing over the beautiful Kempsey-Macleay Shire.



On Saturday night there was a Gala dinner held at the Kempsey RSL Club with entertainment by Josh Needs, public speaking by a visiting Royal Australian Navy Helicopter representative and an inspirational talk / interview by Paul Bennett – a very enjoyable evening and great food.



Joseph Frost one of the local active RC enthusiasts took part in the show by staging a static RC model display to promote this great hobby in the district, bringing along a wide range of models to create interest for anyone taking up the hobby. He also donated a beautiful limited edition art work entitled "Tiger Moth" by the renowned Australian artist 'Colin Parker' as one of the raffle prizes to be won at the conclusion of the airshow.



After their hard work feeding the hungry public during the show, Joe kindly presented the the "Kempsey Aero Club" with a framed print of "Farewell Harrier", the original of which he painted

during the 40th anniversary celebration of this unique jet aircraft back in 2010. A model of the featured aircraft was also on display - an RC EDF version. Other models displayed by Joseph included his 80 inch span BAE HAWK jet, powered by a 127mm EDF unit, an electric powered 102 inch span C-130 Hercules, an experimental X-29 jet, re-designed as an 80mm EDF model, Touch of Magenta - a huge scratch built delta foamy jet powered by a "PST600R" jet turbine and one of the Joseph's favourite models, built eighteen years ago when still in his RC helicopter days.

The show concluded with a performance of local young talented guitarist Josh Needs, joy flights in some of Paul Bennett's War Birds and the departure of many visiting planes. A great day out for the family and something to look forward to next year. See you then, Joseph Frost.



Oily Hand 2016

Andy Lockett (CMAC)

For some reason the weather gods smiled on the Milroy field for Oily Hand 2016. After atrocious rainy and windy days during the preceding weeks a huge high pressure cell became resident over the central west for the three days of the event.

The days started with a rime of frost to greet the fifty-seven participants, along with the now traditional egg & bacon roll breakfast. Of course no frost could stop the intrepid early morning free flighters catching the still of the morning.

The sun peaked over the hills to melt away the frost and the days were cool and sunny with slight breezes and free flight models filled the sky. Many of these were the triple finned 42" Apex mk14 which was the 'model of the meet'. In all twenty one Apexes and their builders turned out for the concours judging which was won by Andrew Linwood whose excellent construction was revealed by clear mylar covering.



Apexians and their Apexes

A special 'PAA load' event was run for the Apex. There were only three fliers who managed to find time complete the task. The result was Peter Norrie's Apex carried an amazing 709.5 grams. Nearly three times its own weight!

Late Saturday arvo is always scramble time. The SAMS Cabin Scramble allows the pilot to have radio assist in a pre 1960 cabin design using an engine below 1cc capacity. Peter van der Waterbeemd ran the event on behalf of SAMS and Michael Towell was the winner.

As the sun sinks to the western horizon it is time for the ridgy-didge F/F scramble.

This year was special being the first year of "The David Owen Oily Hand Free Flight Scramble".

The youngest pilot, Chris Birch, who incidentally won last years scramble also appropriately won it. This wasn't due to Chris being any fleeter on his toes than the older contestants either. Witness third placed Craig Thornton sprinting up and down the field after his Super Sniffer. Not to mention Matt Hannaford sweating after the wayward 'flying carpet'.

Celia and Sam Owen visited Milroy Field to make the presentation. A very special occasion.

This is a perpetual trophy and it is expected to be hotly contested next year.



Chris Birch receiving the trophy from Celia and Sam Owen



The trophy was made by long time Canowindra resident and woodworker Phil McNeice and features locally sourced timbers.

Phil based the trophy on the Owen 2.5T.

Sunday morning is always catapult glider scramble. A hardy bunch fronts the field at 8am sharp each year only to be beaten by Sam Peden from Parkes. This is Sam's specialist event. He has developed a line of canards that seem to do the trick. There was a bit of spying and photo snapping of Sam's models this year. Look out in 2017 Sam.

Whilst the free flighters keep flick-flicking and launching their models over the lucerne field, attention turns to control line plank racing. But before departing to the C/L field we must find Warren Brown so he can participate in the plank race. Warren will be somewhere flying one of the twenty or so diesel powered creations he crams in the back of his little Honda wagon and drags all the way to Oily Hand each year – from The Dandenongs. Warren's challenge to himself is to fly each model before he departs Oily Hand. If he flies a model he really likes more than once he has to return on Monday morning so he can complete the task. That is dedication!

Plank racing now comes in two versions, Traditional Plank and Super Plank. It is a most entertaining fiasco and draws the crowd in. Round and round, up and down and into the ground they went. It all ended up with Bill Swan winning Super Plank on a borrowed model and Bob Fisher winning Traditional Plank. Fortunately Bob flew Traditional Plank before Bill borrowed his model and did a number nine on it. "What happened there?"

Worthy of mention is Mike Minty who flies Plank every year with an Ollie Tiger up front. Never does any good, but always has a ball. And that is what Oily Hand is all about.

Maris Dislers has come up with the model of the meet for next year. A David Owen design from the mid 70's called Fli-Bi. It is basically an Ebenezer with built up wing and tail.



Maris launches the Fli-Bi for a demo flight

For more reports, competition results and photos visit Cowra MAC website <http://www.cowramac.asn.au> or Cowra MAC youtube page <https://www.youtube.com/user/CowraMAC/featured>

Upcoming Events



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

ley *RC PRECISION AEROBATICS – 2016*

The second last event for 2016 for the NSW Pattern Flyers Inc. is at Camden Valley on Saturday 15th October 2016. Please note this is a one day contest.

This is usually a fantastic event with the Camden Club putting on a great BBQ at “Cafe De Wings”. Gate will be accessible via the combination lock on the gate. Please ensure the gate is locked behind you as our continued presence on the site is dependent on this gate remaining locked at all times.

For field directions and access please click on the link below

<http://www.nswpattern.org.au/competition/field-directions/camden-valley-directions>

If you wish to enter this competition please visit the NSW Pattern flyers website www.nswpattern.org.au. You can enter the contest by selecting “**enter the next event here**” tab with your details.

Those wishing to try Aerobatics are most welcome to attend, and fly in the Sportsman Class, where everybody starts out with a relatively simple but challenging schedule.

The following NSW Pattern Flyers contest is the NSW State Championship event scheduled for 26-27 November 2016 at the CKSMAC is located off Pitt Town Bottoms Road, Pitt Town.

For more information contact Felix Nieuwenhuizen, on 0428 880 633, or at felchem@bigpond.com





2016 Australian F3C / F3N Nationals

Wagga Model Aero Club, Olympic Way Wagga Wagga

14th-16th October 2016

Both events will be team trial selections for the Australian World Championship F3C and F3N teams for Poland 2017.

Classes and competition rules:

Sportsman, Advanced and Expert as per MAAA S9

F3C Schedule P and Schedule F as per FAI Sporting Code Section 4 - F3 Helicopters

FAI F3N as per FAI Sporting Code Section 4 - F3 Helicopters

2016 USA F3C & F3N Champion Nick Maxwell will be attending the event and competing in both F3C & F3N. There will also be a F3N flight training school for those keen to gain some valuable tuition from one of the best!



Proudly supported by:



For more information contact: Brendan Tucker—bjtucker23@gmail.com or F3C F3N Australia on Facebook



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

RC PRECISION AEROBATICS - 2016

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State of the art equipment from David McFarlane at RAAF MAC 2016

In

Gosford City Aeromodellers Casual Fly-In Sunday October 23rd

We would like to invite all RC Club members to come have a casual fly-in at the Gosford City Aeromodellers Club Field. Situated on the NSW Central Coast on the edge of the Strickland State Forest we have a large grassed runway 250 metre long by 28 metres wide. It is suitable for all aircraft from small electric to heavy models excluding turbines.

There is a \$10 entry free to fly which includes lunch and a drink.

Camping is available on Saturday night with the BBQ available to cook your own food.

Quiet electric flying is available from dawn, IC from 9am. On the same day there is also a club run indoor event utilising two whole basketball courts at the nearby Niagara Park Stadium from 1pm to 5pm for indoor electric aircraft. There is a \$15 fee for the use of the stadium hire. All are welcome to come.

For more information contact Jaz Cooper on jaz@gcac.org.au or 0411 053339.



LUSKINTYRE RC SCALE FESTIVAL 2016



OCTOBER 28-30 LUSKINTYRE AIRFIELD
SCALE PROP AIRCRAFT FROM ALL ERAS,
SCALE JETS, SCALE GLIDERS AND SCALE FLOATPLANES
3 SEPARATE FLIGHTLINES, SWAP MEET

MAAA SANCTIONED EVENT
FOR MORE INFORMATION AND REGISTRATION VISIT:
www.rcscalefest.com.au



The Australian F5J Trophy



Establishing a perpetual F5J trophy in Australia. First event to be held at the NAAS field near Canberra
Presented by the AEFA in conjunction with the NAAS Club

Two days of flying 29-30 October 2016
Two classes - Open F5J and Limited F5J



**Dave's Toys
for Big Boys
Open F5J
Trophy**

First prize:
Hyperion Duo Charger
www.hyperionaustralia.com.au



**Model
Flight
Limited F5J
Trophy**

First prize:
Spektrum DX8 Radio Set
www.modelflight.com.au



Other Sponsors:

Monaro Hobbies	www.coltaylormodels.com.au
Christian Traders	www.christiantraders.com.au
flyelectric.com	www.flyelectric.com
Albury RC Models	www.alburyrcmodels.com.au
XC-RC, Melbourne	www.xc-rc.com.au
Sky Soaring Robots	www.skyrob.com
Stan Rucinski	www.naas.org.au
Alan Mayhew	http://varms.org.au
AEFA	www.aefanet.com

Product types distributed to Participants:

Electric Motors	Fibreglass cloth
LiPo Batteries	Aliphatic Resin
Battery Checkers	Super glue
Glider kits	Epoxy Resin
Servos	Folding prop blades
Servo leads	Servo cable
Spinners	Speed Controllers

Pre-registration required - Entries close 22 October - see the AEFA web site for a registration form:

www.aefanet.com

Prizes for placegetters - and a give-away of products by draw from the hat for all competitors - \$50 entry fee

Complimentary tour of Australian War Memorial storage facility for attendees Friday 28 - details on web site & in EGFA magazine

Data loggers available for loan - just bring your electric glider. Food available on the field.

Enjoy the great NAAS site - camping permitted \$15 per night - toilets and shower provided.



Australian F5J Trophy at NAAS

Big things in store Tour

October 28 th. 2016

Nestled within the industrial suburb of Mitchell is an enormous purpose-built warehouse. Within its walls are some of Australia's national treasures.

The Treloar Technology Centre is the Australian War Memorial's conservation facility and storage hub. Its doors are rarely opened to the public, but on Friday 28th. October @ 2:30pm Big things in store, will allow us inside to uncover its secrets, which include a vast array of aircraft, rockets, vehicles, tanks, artillery, and equipment used by – or against – Australians in war for over a century.

Big things in store is a unique opportunity to experience one of the world's greatest military collections, and a great way to start the weekend.

Entry is by donation, with proceeds going to support the work of the Australian War Memorial.

One of the storage buildings can be very cold. You should wear a jacket in the cooler months.

Sydney Radio Control Society



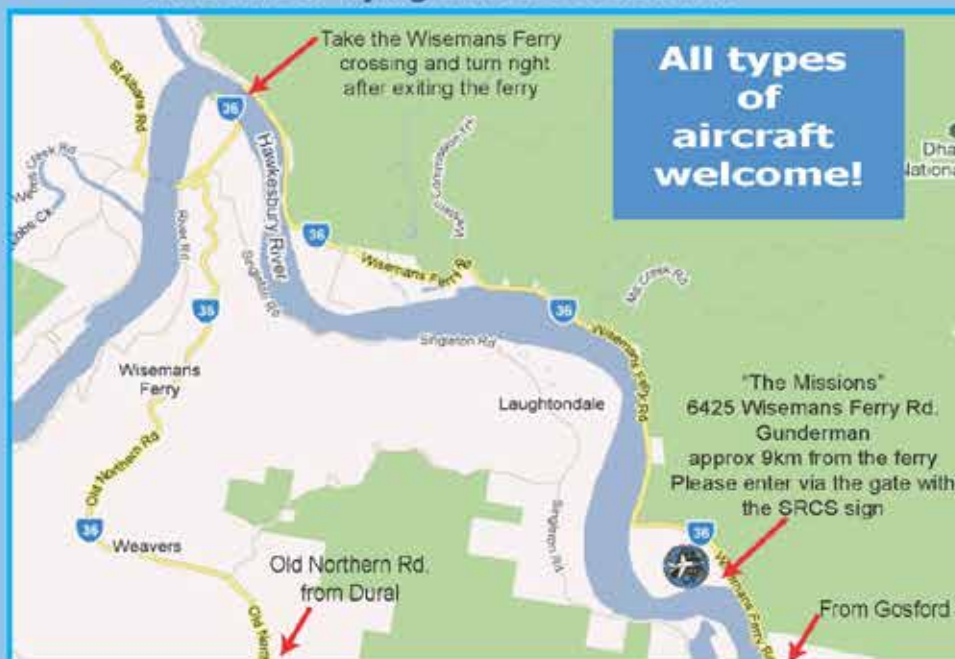
General Fly In



Saturday 12th November Gates open at 9am for all day flying

Last years event saw an amazing 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
All levels of flying skill are welcome!



\$10 entry fee includes BBQ lunch & a drink

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
Please check the SRCS website on the day for cancelation information in the event of bad weather. An announcement will be made by 7am.
www.srcsclub.com.au

Shoalhaven Model Flying Club Inc.

Presents

The 34th Shoalhaven Shield

Two Metre Thermal Glider Event

13th November, 2016.

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 for 2016

Millennium Cup Tow - 6 minute max - spot landing

Bacon & Egg Rolls for Breakfast

Steak/Sausage Sandwiches, Drinks, Tea & Coffee.

Further Information: Ian Avery (02) 4232 1093

iwa@iinet.net.au

Warialda fun fly 2016

November 12th and 13th



Warialda lions club will be providing the cooking for the weekend. All money raised over the weekend will go to the Warialda community account.

There will also be a bbq dinner on Saturday night for all to enjoy. Breakfast will be available at the airfield on Sunday.

Public display on Sunday 13th.

Camping available at the field from Friday night till Sunday.

For more information contact Barry Power 0427885058 or Andrew 0419527371

It's that time again for the Warialda fun fly.

All planes and helicopters are welcome.

Flying will be at the Warialda airport.

Flying will be from sun up to sun down on both Saturday and Sunday.

There will also be a night flying on Saturday night.

All pilots must be MAAA approved.

\$10 per pilot fee.

Gold coin donation entry fee.





NSW PYLON RACING CLUB inc



Q500, F400, F3D, and the
Electric EF-1 and Funfighter (i.e. Rarebear) PYLON RACING
at
“ARTHURSLEIGH”
MARULAN

Sunday 20 November 2016 – 9:00am Pilot briefing

Practice and sports flying Saturday 19 November 2016

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

New Racers Always Welcome

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

www.alismotel.com.au

For more information and field directions, contact
Peter Kerney 0407013230

(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

INVITATIONAL SCALE CLASSIC

NSW STATE FLYING FIELD
COOTAMUNDRA
23rd - 27th November



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

Camping at the field - Toilets / Hot Showers

Saturday Gala Prize Night & Presentation

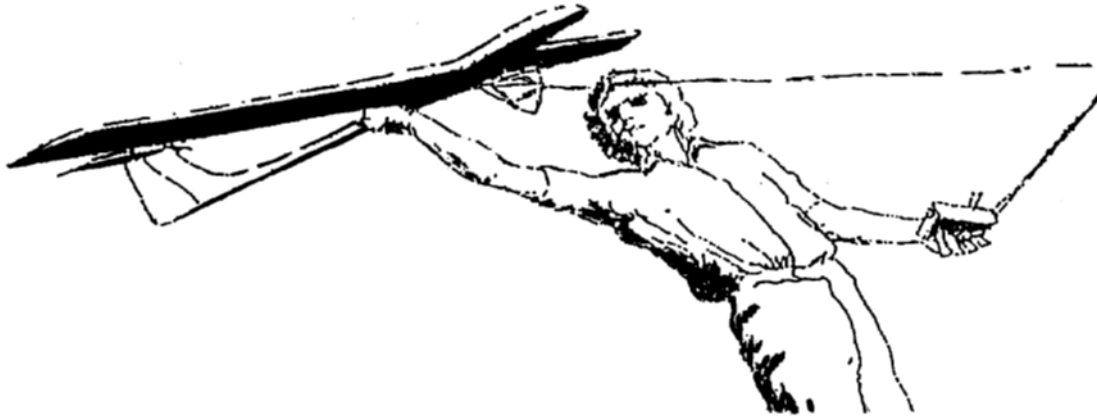
Contact - Cheryl Rolfe

cheza1954@iprimus.com.au

DOWNUNDER 2016

37th Armidale Sailplane Expo

January 26 to 29, 2017



New England Model Aircraft Club and the Sailplane Expo Trust invite you to beautiful Armidale on the New England Tablelands for the 37th Sailplane Expo. Events will be Australian Open Thermal (10 min flight in 12 min working time, 150m lines, FAI landing tape, all rounds count), F5J (10 min flight envelope, max 30 sec motor run, F5J landing tape) and F3K (a selection of tasks as per FAI rules, if we get enough interest).

F5J will be held as a stand alone event from 1000 on Thursday January 26 until 1300 on Friday January 27.

Open Thermal will be held as a stand alone event from 1330 Friday January 27 until 1400 Sunday January 29.

F3K will be held from 1230 - 1300 each day.

The field will be available for practice Wednesday January 25, 2017

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

**Deadline for submissions to Newsletter #391
(November 2016) is
Tuesday 18th October 2016.**

*Please forward any changes of mail or email address together with your
AUS Number directly to the Registrar.
dave.lewis@internode.on.net*