



AEROMODELLERS
NEW SOUTH WALES



"Flying Art Work"

This year's annual "Sculpture at the Gaol" at the historical Arakoon's museum complex near South West Rocks featuring Joseph Frost with one of his recently upgraded EDF jets.

Photo via Joseph Frost

Contents

Contents	2
Diary Notes	3
Contacts.....	3
Aeromodellers NSW 2019/20 Calendar	4
Club News & General Interest.....	6
The Annual "Sculpture at the Gaol" at the Historical Arakoon Museum	6
England to Australia 1919 1994	7
Upcoming Events.....	9
Gosford City Aeromodellers Club – 2019 Regular Events.....	9
WMAAC Scale Rally / Swap and Sell – 5-6 October	10
Warbirds Over Coffs – 2 nd Annual R/C Warbird Fly-In – 18-20 October.....	11
Jets over Vineyard – 25-27 October	12
RCS General Fly-in & NSW Scale Aircraft Society Scale Rally – 2 November.....	13
Fourth Annual Australian Perpetual F5J Trophy – 2-3 November.....	14
37 th Shoalhaven Shield Two Metre Electric Thermal Glider Event – 10 November	15
Invitational Scale Classic Downunder 2019 – 13-17 November	16
2020 Banjo Patterson Scale Rally – 22-23 February	17

Diary Notes

Next Aeromodellers NSW Bi-Monthly Management Committee Meeting.

Friday 11th October 2019, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Following Aeromodellers NSW Bi-Monthly Management Committee Meeting.

Friday 13th December 2019, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Newsletter #422 (October 2019) deadline for submissions: Friday 18th October 2019.

Contacts

President	Tim Nolan	president@nsw.aeromodellers.org.au	0412 173 440
Vice Pres	Greg Hoy	vicepresident@nsw.aeromodellers.org.au	0417 284 615
Secretary	Clive Weatherhead	secretary@nsw.aeromodellers.org.au c/o Battery Business Unit 14, 3 Vuko Place Warriewood NSW 2102	0404 826 880
Treasurer/ State Field Officer	Steve Norrie	treasurer@nsw.aeromodellers.org.au	0418 874 740
Registrar	David Lewis	registrar@nsw.aeromodellers.org.au PO Box 7291, SOUTH PENRITH 2750	02 4736 2611 0439 264 220
Newsletter Editor	Rob Masters	editor@nsw.aeromodellers.org.au	0418 160 295
Public Relations Officer and Webmaster	Aranka Nolan	publicrelationsofficer@nsw.aeromodellers.org.au	0419 540 104
CFI	George Atkinson	cfi@nsw.aeromodellers.org.au	0414 972 118
Deputy CFI North	Martin Cochrane	deputycfi.north@nsw.aeromodellers.org.au	02 6658 2364
Deputy CFI South	Brendan Tucker	deputycfi.south@nsw.aeromodellers.org.au	02 6931 1025



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

Aeromodellers NSW 2019/20 Calendar

(Compiled 29 September 2019)

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

October 2019

5-6	Scale Rally and Swap Meet	Wagga	Tony McAtamney	0417 294 748
5-7	APA Championships - hosted by TCMAC	Albury	Alastair Bennetts	0439 480 793
6	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
6	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
11	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
TBA	Precision Aerobatics – APA Championships	TBC	Alastair Bennetts	0439 480 793
12-13	NSWSAS Scale Comp - hosted by NAAS	Canberra	Anthony Ogle	0410 652 181
13	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
18-20	Warbirds Over Coffs	Coffs Harbour	Martin Cochrane	0423 691 150
19-20	Precision Aerobatics – hosted by CVRCMAS	Camden Valley	Alastair Bennetts	0439 480 793
20	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
25-27	Jets over Vineyard 2019 - hosted by HMAS	Vineyard	Peter Papas	0411 882 255

November 2019

2	SRCS General Fly-in & NSW Scale Aircraft Society Scale Rally	Gunderman	Mike Close	0414 645 307
2-3	4th Annual Australian F5J Trophy	Cootamundra	Trevor Smith	0411 887 350
3	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
3	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339
10	Millennium Cup Electric Thermal Glider Rd 4 incorporating the Shoalhaven Shield	Bomaderry	Ian Avery	02 4232 1093
10	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
13-17	Invitational Scale Classic Downunder 2019	Cootamundra	Cheryl Rolfe cheza1954@iprimus.com.au	
16-17	Precision Aerobatics – hosted by CKSMAC	Pitt Town	Alastair Bennetts	0439 480 793
17	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339

December 2019

1	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
1	Pylon Racing at Marulan (TBC)	Marulan	Peter Kearney	0407 013 230
1	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
1	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339
13	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
15	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
29	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
29	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339

January 2020

25-27 40th Armidale Sailplane Expo Armidale Hutton Oddy 0425 285 75

February 2020

14 Aeromodellers NSW General Mtg Silverwater Tim Nolan 0412 173 440
 Dooleys Waterview

22-23 Orange MAC Annual Banjo Patterson Scale Rally Borenore Steve Smedley 0418 577 834

Check out the 2019 Banjo Patterson Scale Rally at https://www.youtube.com/watch?v=M_4qCwOVhgU&authuser=0

March 2020

7-8 Hunter Valley Champs Muswellbrook Cory Eustace 0429 090 686

May 2020

16-17 Veterans Gathering Muswellbrook Cory Eustace 0429 090 686

Club News & General Interest

Joseph Frost

The Annual "Sculpture at the Gaol" at the Historical Arakoon Museum

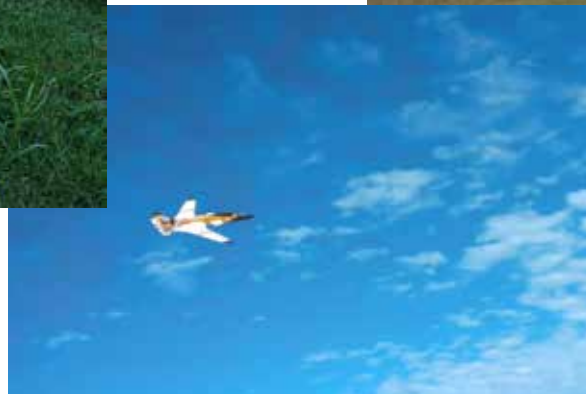
"Flying art work"

This year's annual "Sculpture at the Gaol" held at the historical Arakoon museum complex near South West Rocks featured Joseph Frost with one of his recently upgraded EDF jets.

Now upgraded from a rather marginal out-runner powered "Dr. Max" setup to a powerful 2.4 KWatt, 80mm "Jet Fan" / HET in-runner combo EDF which, although adding a 500gm weight penalty to the model due to the larger battery has improved flying performance and flight time.

To correct the centre of gravity due to the much heavier power unit at located at the rear of the fuselage some additional nose probe weight had to be added as there was restriction in battery position, preventing it from being relocated.

A close to one to one power to weight ratio makes this model much faster and enjoyable to fly but slightly more challenging to land with much hotter approaches.



England to Australia 1919 | 1994

<http://vimy.org/flights/the-flights.htm> be sure to visit the site

In March 1919, the Australian government laid down a challenge. The first Australian-born crew to fly the 11,000 miles from England to their homeland in 30 days would win a prize of £10,000 (more than \$1 million today). Only six teams competed in what became known as the Great Trans-Planet Air Race. Captain Ross Smith and his brother, Keith MacPherson Smith, along with their two mechanics, completed the journey with two days to spare. The second-place team needed seven months.

The Smith brothers' victory was not easily won. Their Vickers F.B.27 Vimy, the 10th of 330 Vimys built in England, was given the registration G-EAOU. Ross, partly joking, said that the letters stood for "God 'Elp All Of Us." Little did he know when he made that quip that he and his crew might need the intervention of a higher authority, along with both skill and luck, to reach their destination.



G-EAOU was built at the Vickers factory in Brooklands. Courtesy of National Geographic Society.

G-EAOU departed Brooklands on November 12—six months after Alcock and Brown's successful transatlantic flight, also in a Vickers Vimy—with Ross Smith in the pilot's seat of the open cockpit and Keith beside him, serving as navigator. Mechanics Jim Bennett and Wally Shiers occupied the front and aft cockpits. The weather that day, classified as unfit for flying, could have been seen as an inauspicious omen. Nevertheless, the crew arrived in Lyon, France, in just under six hours.

Nearly every leg of the flight after that was an adventure. G-EAOU had to be pushed out of the mud in Pisa, Italy. In Cairo, following a safe crossing of the Mediterranean, a crack opened up in one of the

cooling water pipes and had to be sealed. More repairs followed in Iraq. The reward was a few days of fair weather and a chance to soar above the Taj Mahal. Disaster threatened in Thailand, where Ross had to land the plane in a recently cleared runway filled with tree stumps, a preview of what was to come.

A stop in Surabaya, Java, was to be routine, but G-EAOU broke through the crusty surface of the landing site and sunk into the viscous mud. Each time the crew dug out the Vimy, it got bogged down again. The foursome thought that the race was over. Then, locals from the nearby village dismantled their huts and began to lay the bamboo and reed mats on the field. One day and many mats later, G-EAOU headed down the 1,200-foot runway on the home stretch.



A makeshift runway made of bamboo mats enabled the Vimy to take off from Surabaya, Java. Courtesy of National Geographic Society

Around noon on December 10, as G-EAOU neared Australia, the Smith brothers spotted the Sydney, a naval ship. Ross scribbled a message, slipped it into a bottle, and floated it down on a parachute. The ship's crew was reassured by the missive: "All's well!" Nearly three hours later, Ross landed G-EAOU in Darwin, winning the prize along with the admiration of his countrymen. He and his brother received knighthoods for their accomplishment.

Reliving the Smith Brothers' Flight

After years of building a replica of the Vickers F.B.27 Vimy and months of testing the new flying machine, the Vimy team was ready to re-enact the first of the

three landmark flights. On September 11, 1994, Peter McMillan and Lang Kidby took off from England in their G-EAOU, accompanied by National Geographic photographer Jim Stanfield and engineer Dan Nelson. Despite the advances in navigation since the Smith brothers' flight and the team's extensive preparation, they had had reason to feel nervous about their journey. Some hazards, such as severe weather, navigation through unfamiliar territory, and the potential for mechanical problems, were not much different from those encountered 75 years earlier.

During the initial legs of the flight, over the English Channel and into France, Peter and Lang grew accustomed to handling the Vimy through storms and over mountains, good practice for arriving in Pisa, Italy, in time for a freak hurricane. In winds that reached 80 miles per hour, the crew struggled to taxi the plane into a hangar. When the storm lifted, they circled the Leaning Tower and headed south through Italy. After stopping in Crete, Peter and Lang crossed the Mediterranean, struggling to keep the Vimy, with her full fuel load, aloft in the sweltering air on the way to Egypt.



The crew tried to hold the Vimy down during a hurricane in Pisa, Italy. Courtesy of National Geographic Society.

Unlike the 1919 Australian team, Peter and Lang had to devote hours to planning routes that skirted restricted areas of the Middle East. Deviating from the 1919 flight path, they avoided Syria, Iraq, and Iran and instead flew through Saudi Arabia to Bahrain. Reaching Karachi, Pakistan, was trouble free, but border conflicts temporarily prevented the Vimy from crossing into India. Due to an outbreak of the plague in India, Myanmar denied permission to enter the country. Defying the authorities, Peter and Lang turned off the Vimy's radio and landed in Yangon anyway.

The crew was relieved to reach Bangkok, Thailand, but the jubilation was short-lived. As Peter and Lang flew across the Malay Peninsula, the right engine developed an uncontrollable oscillation, which forced an unscheduled stop. The Vimy sounded better after the spark plugs and other parts were changed. The improvement was only temporary, however.

Over Sumatra, dense smoke from slash and burn fires forced Peter and Lang to fly only 200 feet above the jungle so they could see the ground. Even worse, the right engine acted up again, then stopped completely. The Vimy was unable to maintain height on one engine, and Peter and Lang looked frantically for a place to land. They finally brought the plane down in a rice field, just hundreds miles from where the original G-EAOU sunk in the mud. The circumstances were uncannily similar to the situation confronted by the Smith brothers. The replica's crash landing seemed to spell the end of the project. Lang saw the situation differently and, within a few days, organized the local farmers to help construct an airfield. A new engine and other parts were flown in on a twin-engine plane lent by the Australian Army. Six days after the crew faced disaster, the Vimy was again on its way to Australia.



Villagers helped clear the crash site in Sumatra and improvise a runway. Courtesy of National Geographic Society.

The last legs were challenging, as the Vimy successfully overcame rugged volcanic terrain, long water crossings, constant headwinds, and persistent turbulence. With Lang at the controls, the Vimy crossed the Timor Sea and touched down in Darwin on October 22. No cash prize awaited the crew, but they were overjoyed to realize their dream. A few years later, they were ready to plan their next flight—taking the replica Vimy from England to South Africa.

Upcoming Events

Gosford City Aeromodellers Club 2019 Regular Events - All Welcome

Electric Float Planes



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

7 to 11am, \$5 to fly.

Sundays September 8th & 22nd
Sundays October 6th & 13th
Sundays November 3rd & 17th
Sundays December 1st, 15th & 29th

[For More Info on Float Planes](#)
Call Nic Lucas 0424 350 366

Indoor Flying

Niagara Park Stadium,
Narara Valley Drive, Niagara Park

\$20 for an afternoon of indoor fun
in two combined basketball courts

Sunday September 29th 1-5pm
Sunday November 3rd 1-5pm
Sunday December 1st 1-5pm

[For more information on GCAC](#)
visit www.gcac.org.au,
email secretary@gcac.org.au or call Jaz Cooper on 0411 053339.





PILOT'S CHOICE FOR MODEL OF THE MEET

SCALE RALLY

2019

SATURDAY 5TH & SUNDAY 6TH OCTOBER



FUN FLY LONG WEEKEND

CAMPING AVAILABLE \$15 PER NIGHT

NON-POWERED SITES ONLY

SHOWERS AND TOILETS

CANTEEN WILL OPERATE BOTH DAYS – HOT FOODS

ENTRY FEE COVERING FLYING AND SWAP & SELL \$25

SELL OR SWAP FROM YOUR CAR OR YOUR OWN TABLE



PERPETUAL TROPHY

ENTRY FORMS AVAILABLE ON CLUB WEBSITE:
waggamac.org.au

NOTICE BOARDS AVAILABLE FOR SWAP OR SELL LISTS

CONTACT:

TONY McATAMNEY

0417 294 748 or 02 6933 1388 or
maccat4@bigpond.com

SWAP & SELL

WAGGA MODEL AERO CLUB INC

3 kilometres north of the township of Uranquinty on the Olympic Highway, or 5 kilometres south of the Kapooka turnoff.

WARBIRDS

OVER COFFS

Open
flying
all
week-
end



2nd

ANNUAL
R/C WARBIRD
FLY-IN

Small
electric
to large
gas bring
it along.

Presented By
COFFS COAST R/C FLYERS

11 categories to enter



Fri 18th, Sat 19th, and Sun 20th October 2019.

Come & be a part of the largest Warbird event in Northern NSW. 220m x 30m runway of short grass. Large pit area. Electricity for charging. Powered camping/RV site available @\$10 per site, per day. Large overnight model storage. One off \$25 nomination fee, per pilot. Pilot brief 9am on all 3 days. MAAA & ANSW affiliated members only. MOP certificates will be sited. Field located at the Coffs Clay Target Club, 16km North of Coffs Harbour Contact Martin 0423691150 or email, mwc.scale@bigpond.com & Geoff 0428665232



Jets Over Vineyard 2019

RC JET EVENT.

25-27th of October, 2019

Location Bandon Rd,
Vineyard, NSW down from
the Railway Station.

CONTACTS

Peter Papas 0411882255
peter@paps.com.au

Jodie French 0418429538

Hello members, guests , enthusiasts and hard core jet jockeys!!! Once again we have set out Jets Over Vineyard weekend on the 25-27th of October 2019, this week end will host lots of different Jets from the original ducted fans , EDFs to Turbines. As we have further developed our field, main runway and cross strip to accommodate all aircraft from 1m-4m plus

models, and as our members have enjoyed these facilities, we offer them to our affiliated clubs to share them this weekend and fly all types scale and sport jets. Fun activities , and display flights will be flown throughout the weekend for all to enjoy!

Pilot fees will be \$25 for the weekend and this includes breakfast.

SRCS General Fly-in & NSW Scale Aircraft Society Scale Rally.

Saturday 2nd of November, gates open at 9am for all day flying.
Easily accessible from both Sydney & the Central Coast.

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. This year the New South Wales Scale Aircraft Society will be holding a scale rally in conjunction with the usual variety of models. 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 or on Mob. 0414 645 307.
Please check the SRCS website - www.srcsclub.com on the day for cancellation information in the event of bad weather. An announcement will be made by 7am.

4th Annual Australian F5J Trophy



The 4th Annual Australian Perpetual F5J Trophy event, presented by the Australian Electric Flight Association, is to be held at the Aeromodellers NSW state field at Cootamundra NSW.
Location: 34°43'16.4"S, 148°02'34.2"E.

Two days of flying 2nd -3rd November 2019

The field is available on Friday 1st November for practice and camp setup

Two classes - Open F5J and Limited F5J



**Electric Flight
in Australia &
AEFA
Open F5J
Trophy
up to 4.0m class**

First prize:
Mega 6/10/3E motor with
Reisenauer 5:1 gearbox
Value \$375
www.flyelectric.com



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

First prize:
Spektrum DX8e Transmitter
Value \$370
www.modelflight.com.au



Pre-registration required - Entries close 25th October 2019 - see the AEFA web site for a registration form.
MAAA membership required. Augmented Stability Systems not allowed.

www.aefanet.com

\$50 entry fee. Data loggers available for loan - just bring your electric glider. Food available on the field.
Enjoy the great Cootamundra site – free camping (no powered sites) toilets and shower provided.

Shoalhaven Model Flying Club Inc.

Presents

The 37th Shoalhaven Shield Two Metre Electric Thermal Glider Event 10th November, 2019.

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

Briefing 9am for 9.30am start

This event is the final round (Round 4) of the
2019 Two Metre Electric Glider Millennium Cup

30sec motor run/150metre - 6½ 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

INVITATIONAL SCALE CLASSIC

NSW STATE FLYING FIELD
COOTAMUNDRA
13th to 17th November 2019



MASTERS



Team



Pro-Expert



Expert



Fly-Only

Camping at the field - Toilets / hot Showers
Saturday Gala Prize Night & Presentation

Contact :- Cheryl Rolfe
cheza1954@iprimus.com.au

DOWNUNDER 2019



22nd & 23rd February 2020

BANJO PATTERSON SCALE RALLY

We welcome all modellers to our premier event for 2020.

The weekend is not a full on competition, but a gathering of modellers with varying scale models, having a fantastic time of general flying, and great camaraderie.

We have a fantastic flying envelope with a 2000ft ceiling height and 1000 meters laterally, so more than enough air space for all size models.

Camping is available at our field (no showers available)

Tea and coffee are available all the time, with cold drinks and food available at lunch times. And do not forget the full sit down OMAC Breakfast on Sunday morning, looking out over our spectacular view we have from our club house.

We look forward to catching up with you all.



The Orange Model Aircraft Club was formed in 1929 - two years after Lindberg flew alone across the Atlantic, and only one year after Charles Kingsford Smith and his crew made the first hazardous aerial crossing over the Pacific. It was the dawn of aviation's Golden Age.

Program

Saturday 22nd February 2020

- 7.30: Facilities opened up.
- 10.00: Welcome & Pilot briefing.
- 10.00 to 12.30: General flying
- 12.30pm: BBQ lunch served.
- 1.00 to 4.00: General flying.

Sunday 23rd February 2020

- 8.00 to 9.00: The OMAC Sit down Breakfast
- 9.00 to 10.00: General flying.
- 10.00: Judging of models by pilots.
- 10.30: Presentation of Trophies.
- 10.30 to 12.00: General Flying.
- 12.00: BBQ lunch served.
- 1.00 to 4.00: General Flying

Go to YouTube and copy and paste the following links for Banjo 2019

https://www.youtube.com/watch?v=M_4qCwOVhqU&authuser=0

<https://www.youtube.com/watch?v=GoXkkz1fkdE&authuser=0>

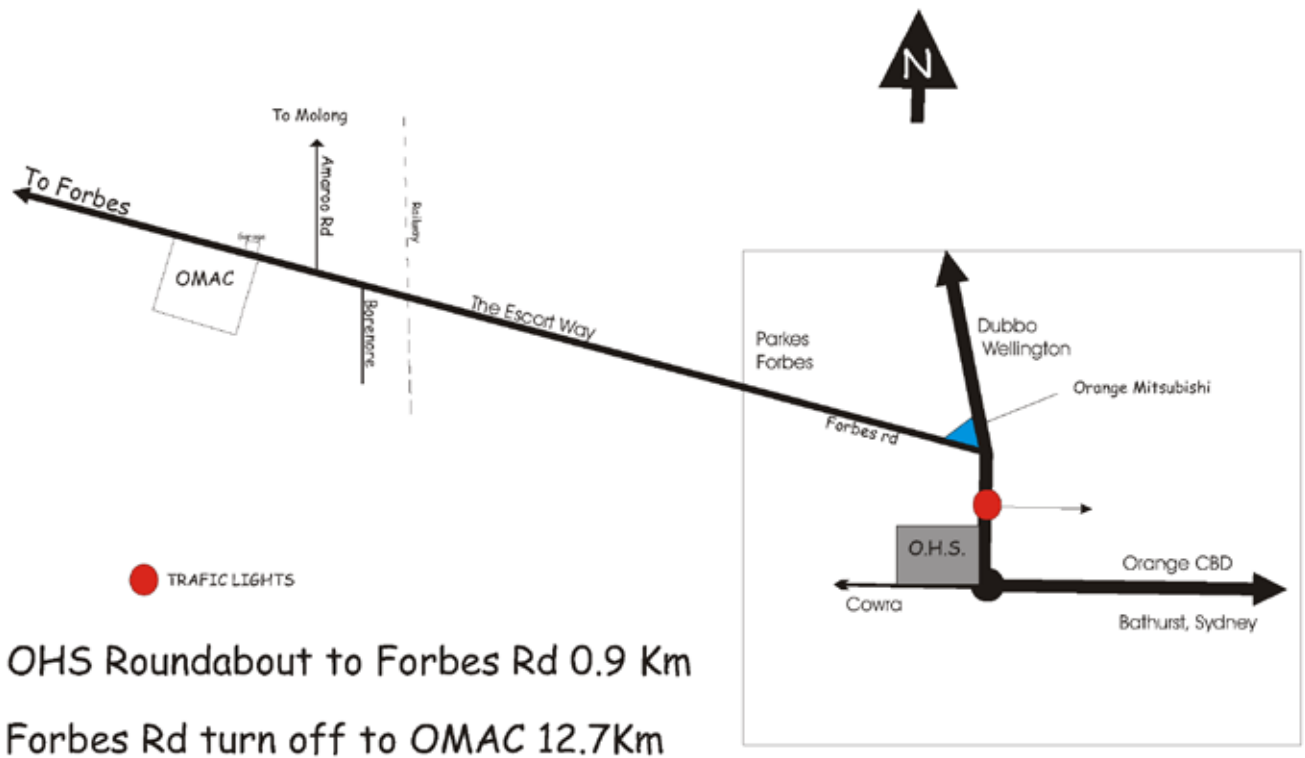
Contacts:

Norm Barnes: 0448 099 975

Steve Smedley: 0418 577 834

Website: omac.org.au

2020 Banjo Patterson Scale Rally Location



**Deadline for submissions to Newsletter #422
(October 2019) is
Friday 18th October 2019.**

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