



Slipstream

Official Publication of Kalamunda Aeronautical Model Society (Inc).

Issue: March 2013

FROM THE DESK OF THE PRESIDENT

Hello. Following is a number of issues that deserve your attention:

VALE KEN WANSBROUGH

Most notably and sadly is the loss of one of our most admired and respected members... Ken Wansbrough. For those who did not know Ken well he was a long time and life member of KAMS. He was our computer backup when we could not remember past events as he kept exacting records and had a memory to envy. He served for many years on the club's executive in all capacities including President, was a prominent and enthusiastic member of the scale society, served as AWA chief instructor and was a club instructor for many years. (I would hate to have to count the number of students he taught.)

Ken was involved at AWA level and was to be seen at virtually all club events held over many years. He was to say the least an enthusiastic member who was as amiable as he was vocal in his support of our wonderful hobby.

Ken's passing will leave a void within the club which will be impossible to fill. We will miss his banter, his encouragement, his enthusiasm, his candour, but most of all we will miss him. Our deepest sympathies go to his family

PITS DEVELOPMENT

As most of you will have seen our pits development is now complete apart from the chasing of electrical wires in the southern pits. Gary Herron has volunteered his services to complete this task and it will be done shortly with the help of his trusty TA Ken Heinz. The fences are now in and look great. We were able to save over \$300 on the installation of the fences and our thanks go to Carl Furfaro for his organising of the fencing.

Special thanks must also go to Frank Jensen who has over the past twelve months project managed the construction of the pits areas. This was no easy task and took up a lot of Frank's time.

With the pits now complete the question remains as to the balance of the planned works for the central area of the club facility and the canteen/kitchen area. There seems at this time to be little enthusiasm for further construction as we will need to borrow the funds to achieve the further works and while we have an "in principal" mandate to achieve the works, discussion will need to ensue at club level to put in place any future building commitments. Please come to the club meetings to have your say.

SAFETY AND ETIQUETTE (moan)

I don't know how many times we as a club need to address the issue of safety and etiquette at the field but I would say many as there continues to be transgressions. PLEASE, PLEASE read your club rules and make yourself aware of the rules for safe flying. Also be aware that we all have the same rights at the field as club members and respect others rights to fly their chosen discipline.

I have also noticed the age old problem of the flight line etiquette. And for those that can't remember here is a quick summary:

1. Do not taxi into the pits.
2. In a LOUD voice please call take off and landing (make your intentions known)
3. When taking off do so from the take off line. Once in the air please return to the flight line and when you are on the flight line please STAND STILL do not go walkies within the flight line.
4. Observe strictly the height limit which is 300M and for those with Varios in their models this should not be a problem.
5. DO NOT fly outside the boundaries, glider guiders please note. With the advent of particularly large models this is a priority.

I am sure that you are all aware that we have full size aircraft fly over our field from time to time and they have clearance to 400 feet. If there is an accident between a model and a full size it is OUR fault and this will cause irreparable damage to the club even loss of our right to fly. Be aware, be safe.

UPCOMING EVENTS

Don't forget to put into your diaries the premier scale event on the calendar being Warbirds over Mundijong. For those of you who have not been before it is a great day and an excellent opportunity for you to fly your favourite warbird in a relaxed and friendly no pressure environment. Check out the AD in this month's slipstream and windsock for the event details.

COMMITTEE

Finally it is nearing time for the Club's AGM which will be held in June. It is at this time when the committee will be elected. If you have not previously served on the committee please consider giving something back to the club and nominate for a position. It is likely that I along with the current committee will not seek a further term and now is the time to consider your position.

Geoff DOUGHTY

President

March 2013

NEW LOCATION FOR K.A.M.S CLUB MEETING NOW AT ROYAL AERO CLUB – JANDAKOT AIRPORT

All members please note that due to construction work at the RAAF Association Bullcreek our monthly Club meetings have moved locations and will now be held at the Royal Area Club at Jandakot Airport. It is vitally important all members attend your club meetings held the third Wednesday of each month.

Please try and be present for our next meeting

WEDNESDAY MARCH 20th – Starts at 8.00pm

PRESENTING WESTERN AUSTRALIA'S PREMIER RADIO CONTROLLED WARBIRO EVENT

14th ANNUAL

WARBIRDS OVER MUNDIJONG 2013



NO CONTEST OR JUDGING
JUST A GREAT DAY OF
WARBIRD FUN!

- ★ OPEN TO ANY R/C WARBIRO
WITH MILITARY PAINT SCHEME
- ★ NO SPORT JETS OR
NON MILITARY AIRCRAFT
PERMITTED

Presenting the
Vic Longbon
Memorial Trophy

Open to all current
MAAA licence holders
- Proof required

For Further Details Contact:
Ian Johnson 9387 8730
Ross Duncan 9293 2864



SUNDAY
APRIL 21ST, 2013
STARTS 10 AM
FREE ENTRY!

KAMS FIELD. JACKSON ROAD. OLDBURY

Proudly supported by ACE MODELS Midland





Kalamunda Aeronautical Model Society (Inc.)

KAM's General Meeting

Wednesday 20th Feb 2013

Chair: Geoff Doughty

Meeting Open: 20:00hrs
Attendance: 13 Members, 0 Visitors
Apologies: Nigel Clarke, Tim Watson, Neil Giggins,
Wayne Schenk, Tim Watson, Vince Belshaw, Ken Greaves
Geoff Griffiths
Guests: Nil

Secretary's Report

Correspondence
Inward:
Correspondence Email Notification of the passing of Ken Wansbrough
Outward: Email Notification of Funeral arrangements for Ken Wansbrough
Email Reminding members of the F3B Glider Event Sat 16th Feb 2013
Minutes of Last Meeting: Published 18-02-13
Meeting: Previous Minutes not Moved as no Quorum present.

Membership Services:

Membership Statistics

Current Financial Members

Renewals Member since Last
General Meeting
New Members Since Last General
Meeting

132	Membership Peak for Last Year	135
0		
0		

Treasurer's Report February 2013: The Accounts for February will be combined with March and reported next month.

Committee Business:

- The new water tank has been investigated along with the Fire fighting Tank this will be reported at the next meeting.
- Geoff Griffiths presented modifications to the Club by Laws documentation based on previously changed modifications.
- Bylaws regarding Children unaccompanied on the field or in the pits shall be discussed at the next meeting.

AWA Business:

AWA Meeting 18 Feb 2013, attended by Frank Jensen & Ross Duncan

- Ross Duncan reported discussions held on ways to encourage more participation with in AWA ranks.
- Ross Duncan confirmed that KAMS have been awarded the \$15000.00 grant. Ross also suggested we were quite fortunate as we were not the only ones. Only two grants are made each financial year.
- An upper weight of 150kg for model aircraft has been ratified by the MAAA.

Issues for the 50kg to 150kg size aircraft:

Major consideration is the size of fields at which these large aircraft can fly.

Aircraft must be flown within the flight envelope of model aircraft fields

Clubs should determine and govern maximum size of aircraft acceptable at their field.

Inspectors should determine prior to the initial test flight if the aircraft can be successfully flown within the field envelope (based on wing loading).

A pilot must have (passed) Gold Wings to be certified to fly giant aircraft.

It was suggested that clubs place a map of their field and the surrounds on the web so modellers can see if a field is suitable.

- MAAA has increased the limit for development loan to \$100,000.00 (ratified through council).
- Applications for Lotteries Commission grants for this year must be submitted by June.
- Large model weight limit is being increased to 150kg, which has many implications for large model inspectors, which are still being defined. Clubs need to determine and govern the maximum size of aircraft acceptable at their respective locations.
- MAAA have just held a strategic planning session in Melbourne. The objective to develop and grow the sport and hobby. In the past too much of MAAA's focus has been administrative. A new President has taken the reins.
- The Strategic Development Business Plan for the State Centre has been fully documented and passed in draft for engagement with the Whiteman Park club.

General Business:

- Geoff reported about some transportable fire fighting equipment which will require a trailer at a cost for the equipment only \$1100.00. Eric Gooch also reported on a pump, which may be fit for purpose. The main problem will be getting the equipment to a fire in a timely manner. It was agreed to carry over any discussion to the next meeting.
- Discussion was held on ways to encourage participation within the KAMs committee ranks.
- Geoff Doughty raised the issue of guidelines for dealing with kids at the field. Ross Duncan highlighted the Mop associated with public people not involved in flying should not be in the pits at any time.
- Ken Heinz reported on problems with false alarms at the field. The Committee will look into this.
- Geoff Doughty also suggested we could do with some more Instructors as we are lacking mode 2 Instructors
- Ian Johnson would like to remind everybody that War Birds is coming up 21st April 2013, and he is looking for volunteers to get involved. Also flyers need to get any documents detailing their aircraft to Ian.
- Glen Baldwin suggested that we should get some more hats. Glen Baldwin agreed to look into where Troy Latto obtained the last hats.

Meeting Close

21:25hrs

FOR SALE

1. LET Models scale tow Glider HABICHT 4m , 1:3.5 scale. Stunning scale glider and pictures can be seen on the LET Models web site original cost just under \$4000.00 – new not assembled.. \$3000.00
2. Christen Eagle – Seagull model with OS.110fs JR 8417 servos, Great Flyer includes receiver batteries (Sanyo Eneloop) and switch \$550.00
3. 70mm L39 Albatross jet includes Extreme Flight aluminium fan and motor, Hitec servos 2 x Thunder power 4s 70c LiPo's new never flown \$400.00
4. OS 200 FS – brand new in box \$375.00
5. OS 120 AX 2 stroke- new in box with Bisson in cowl muffler \$295.00
6. SAITO FA82 – brand new in box \$220.00

All the above models and engines are in pristine condition.

Please call Geoff Doughty on 0401 000 404

Members!

Dolphin Co offers all members of KAMS a 15% discount when purchasing ARF's and engines by quoting a reference number when ordering. This number will be made available by emailing either the Secretary or Treasurer

iPhone/iPad/iPod Touch Controlled i-Helicopter

- 3 channels
- Gyroscopes system included
- Function: Up, Down, Forward, Backward, Left/Right Turn, with controlled light
- No Traditional style of transmitter needed!
- Zero battery needed!



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YAK55M

Fantastic
3D aerobatic plane!
A free style favourite!



Available in
73" 88" & 106"

WATTS ON THIS EASTER AT S.W.A.R.M.S ?



**ELECTRIC FLY-IN
THAT'S WATT!**



Easter Long W/end Saturday 30th & Sunday 31st March 2013

SWARMS field is open exclusively to *anything* electric this Easter Holiday

Planes, Heli's, Jets, Gliders... anything *electric*

NO schedule - NO judging - NO Entry Fee - NO Combustion!

As long as you have current* MAAA membership
and an electric aircraft of some sort

BRING YOUR ELECTRONICS, TURN UP AND FLY!

Field will be open from 8.00am both days

Camping at the field is welcome

BBQ Early Saturday night

(please RSVP for the BBQ if possible for catering)

Visit www.swarms.org.au for map and details

Contact Brady Goff secretary@swarms.org.au 0448226610

*pun intended



Dear Fellow Flyers,

Just a friendly reminder that at the end of this month is the Western Australian OS Fun Fly in Kalgoorlie.

There are fantastic prizes on offer. You just have to pay your entry fee & fly an OS powered R/C aircraft on the day to be eligible. Some of the prizes are:

- GT22 OS petrol engine
- Aurora 9 2.4 GHz radio

If you are interested we need you to enter via the GAMS website. See the attached flyer.

We need an idea of how many people are coming for catering purposes as there will be food & drinks available on the day for purchase.

If you have any questions please don't hesitate to contact – osday@gam.asn.au

Look forward to seeing you all.

Regards,

Lindsay Wyles – President GAMS



Fly High in WA

with O.S. Engines



Come fly with us!

Easter Saturday, 30th March, 2013

START TIME: 0930 HRS

GOLDFIELDS AEROMODELLERS CLUB
YARRI ROAD, KALGOORLIE

- Relaxed, stress-free day of flying
- All types of **OS powered aircraft** welcome
 - trainers, giant scale, helicopters, war-birds, 3D & motor gliders
- Food & drinks available for purchase
- Pre-register online - www.gam.asn.au - \$7.50 (regardless of the number of planes per pilot)
- Registration on the day available (additional fee)
- Goodie bag!
- Basic camping facilities available
- General club flying Sunday 31st March. All welcome.

PARTICIPATION CONDITIONS

ALL Aeromodellers with OS powered aircraft - fixed & rotary wing - are welcome.

Participants must have a current MAAA membership to fly. (membership card to be shown on the day)

All aircraft over 7kg will require a "Heavy Model Permit" to fly.

GRAND PRIZE DRAW

Large O.S. Engine



O.S. ENGINE

All registered pilots flying with an O.S. powered aircraft are eligible. You must be present to receive the prize.

register online ... www.gam.asn.au

O.S. ENGINE



Hi Everyone,

On the weekend of Saturday 13th and Sunday 14th of April 2013 a Float Plane Fun Fly Weekend will be held at Karridale south of Margaret River.

This is the 7th of such events and the first for 2013.

Newcomers and those who have participated in the past weekends are welcome to return for a weekend of float plane flying at a great site.

Same arrangements as before, free admission, camping allowed (please read the attached flyer for conditions)

Go here for a map and directions to the site - <http://members.westnet.com.au/waynewest/kmap.htm> (also attached in pdf format)

If you wish further information please phone the numbers below or send an email to aeroweb@westnet.com.au

Steve (manager) 04 1798 8596

Wayne (sidekick) 04 1717 9355

Kind Regards, Wayne Campbell

FLOAT PLANE FUN FLY

SATURDAY 13th and SUNDAY 14th November 2013

A two day event – open to all for float plane flying, the public is welcome
Held at Karridale, 45kms south of Margaret River (ref map)

Safety and enjoyment in a relaxed atmosphere is the aim of this event.

There are Rules - If there were no rules at all there would be anarchy and If there were too many rules, you could feel unduly constrained.

Commonsense prevails, the vineyard takes no responsibility for damage or injury enter at own risk

FLYING SITE and PIT AREA

The site has a freshwater dam approximately 500 metres by 300 metres.

It has a sandy gravel foreshore for the launch site with a grassed level bank at the rear

There will be a defined pit area on the foreshore for aircraft with a frequency board.

Parking on either area is ok.

A boat with outboard is on site

MAAA membership / insurance for fliers

Front gate – always to be kept closed

Motor vehicles – Speed limit on site is 20kmh.

Access to main road – this road has a 110 km speed limit please take care when entering or leaving the property.

This is a working vineyard, take care, there are other people and vehicles active here.

Children – parents please keep your children under supervision especially near the pits area.

First aid – please bring your own, the nearest first aid post is at Augusta or Margaret River.

Mobile phone reception is good

Litter – if you have any rubbish please take it home, no bins on site

Toilets – there will be a portable toilet available.

Dogs - not permitted, there is a large number of chickens and ducks on the site that are part of the working vineyard pest control measures.

CAMPING

On site camping is available. If you plan to camp on the site please ring Steve on 0417 988 596 for information on what is available, caravans or tents are ok

Water – restricted potable water available, do not use the dam water for drinking.

There are fire restrictions this time of year

At all times persons shall comply with the vineyard managers directives

Our mobile phone numbers are

Steve : 04 1798 8596

Wayne : 04 1717 9355

FLOAT PLANE FUN FLY

KARRIDALE - MARGARET RIVER



WEEKEND

Saturday 13th

Sunday 14th April 2013

Contact : Steve 04 1798 8596

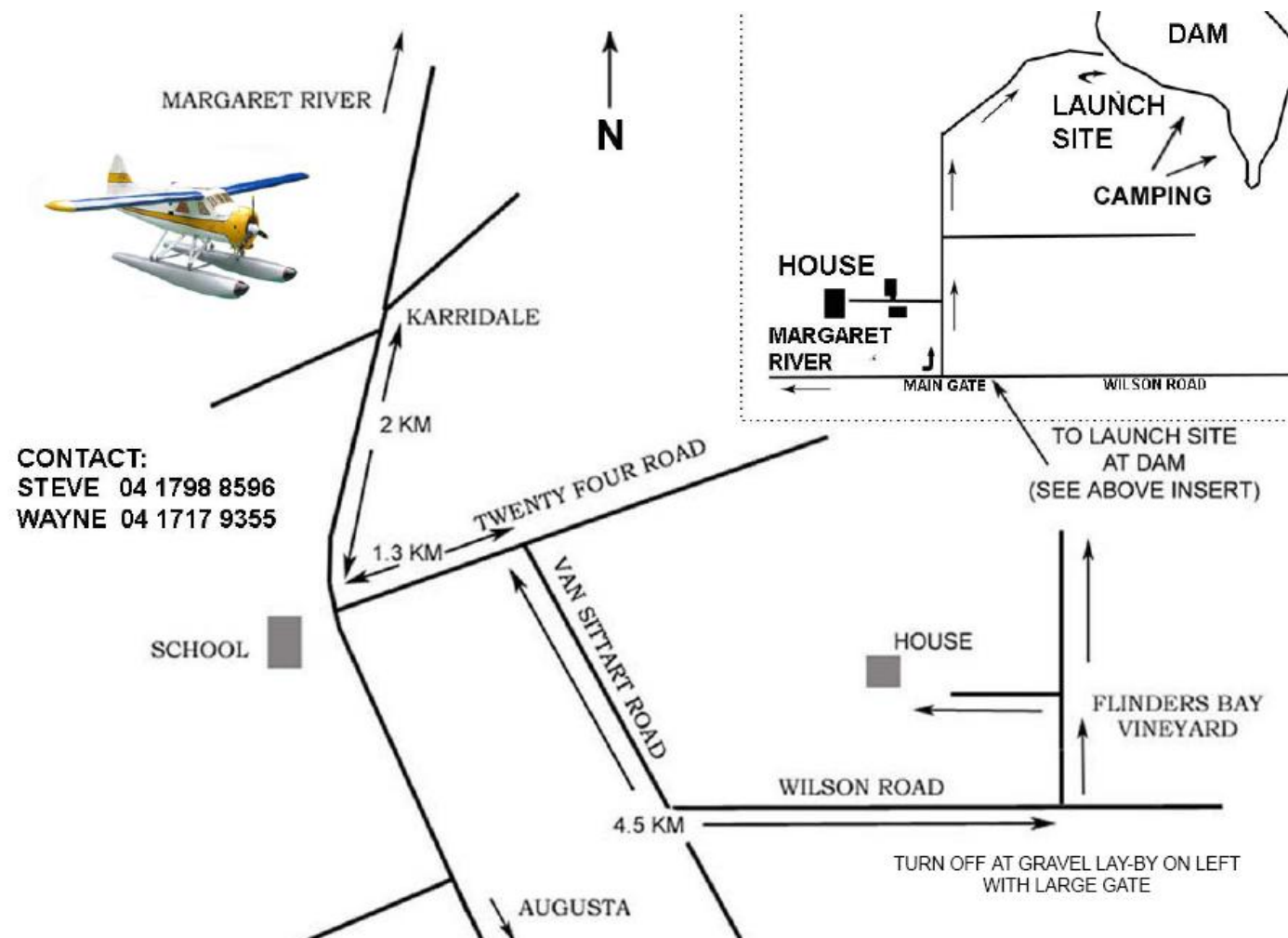
Wayne 04 1717 9355

Free entry - No contest - No judging

Open to all - Fliers required to be current MAAA members

Camping on grassed area - basic toilet facilities

For info visit <http://members.westnet.com.au/waynewest/index.htm>



Just listen to the start-up for this beautiful machine.

The servicing costs would concern me a tad: 28 cylinders, 56 spark plugs etc. I guess they would not be the plugs you could get at your regular "Super Cheap" store.

Pratt & Whitney R-4360-20 first start

Below, you will find a great test stand video of the Pratt & Whitney 4360 Wasp engine introduced in 1944. Basically, the engine was 28-[cylinder](#) four-row air cooled radial engine. Each row of pistons was slightly offset from the previous, forming a semi-helical arrangement to facilitate efficient airflow cooling of the successive rows of cylinders, with the spiraled cylinder setup inspiring the engine's "corncob" nickname. A mechanical [supercharger](#) geared at 6.374:1 ratio to engine speed provided forced induction, while the [propeller](#) was geared at 0.375:1 so that the tips did not reach inefficient [supersonic](#) speeds. Initially, it developed 3,000 horsepower, later models gave 3,500 horsepower.

The engine in the video will be put on the front end of a beautiful F-4U Corsair.

The 4360 powered the B-50, successor to the B-29 and later the B-36, to name a few. And although reliable in flight, the Wasp Major was maintenance-intensive. Improper starting technique could foul all 56 [spark plugs](#), which would require hours to clean or replace. As with most piston aircraft engines of the era, the [time between overhauls](#) of the Wasp Major was about 600 hours when used in commercial service. Why am I sending this video to you? **Because it looks and sounds neat.** That's all. The video is of a newly restored engine. But turn the speakers up. Bask in the roar of twenty-eight cylinders belching the sound of freedom. Also, the sound will most likely clear out the cat, your wife and any other extemporaneous people not accustomed to military sounds and the glorious roar of a Pratt & Whitney "round" engine. As the Warbirds people say, "Jets are for kids."

[Click here: Pratt & Whitney R-4360-20 first start on Vimeo](#)

Pan American clipper flight at the outbreak of WWII.

As aviator's I thought you would appreciate this interesting and historical video.

Incredible story.

Very interesting piece of aviation history.

Sound required.

Pan American clipper flight at the outbreak of WWII

[Http://www.youtube.com/watch_popup?v=Ms84WfJwall&feature=pla](http://www.youtube.com/watch_popup?v=Ms84WfJwall&feature=pla)

Regards

Frank Jensen

KAMS Calendar 2013 (Rev 08)

Date	Time	Event	CD	Notes
March 2013				
Monday, 4 March 2013		Labour Day		Restrictions
Sunday, 10 March 2013	1:00 PM	Open Scale Rally	Ken Wansbrough	
Monday, 11 March 2013	7:30 PM	Committee Meeting		
Saturday, 16 March 2013	1:00 PM	Glider Aero Tow (1)	Ian Salau	
Wednesday, 20 March 2013	8:00 PM	General Meeting		
Sunday, 24 March 2013	1:00 PM	Pylon (3)	Glen Baldwin	
Friday, 29 March 2013		Good Friday		No IC
Sunday, 31 March 2013		Easter Sunday		No IC
April 2013				
Monday, 1 April 2013		Easter Monday		Restrictions
Sunday, 7 April 2013	9:00 AM	Jet Day (1)	Neil Giggins	
Monday, 8 April 2013	7:30 PM	Committee Meeting		
Wednesday, 17 April 2013	8:00 PM	General Meeting		
Sunday, 21 April 2013	9:00 AM	Warbirds Over Mundijong	Ian Johnson	
Thursday, 25 April 2013		Anzac Day		Restrictions
May 2013				
Monday, 6 May 2013	7:30 PM	Committee Meeting		
Saturday, 11 May 2013	1:00 PM	Glider Open Electric (2)	Tim Watson	
Wednesday, 15 May 2013	8:00 PM	General Meeting		
Sunday, 19 May 2013	9:00 AM	AWA F4C Scale (Static 9.00am, Flying 12.00noon)	Ken Wansbrough	
Sunday, 26 May 2013	9:00 AM	Field Working Bee		
June 2013				
Monday, 3 June 2013	7:30 PM	Committee Meeting		
Sunday, 16 June 2013	1:00 PM	Open WW2 Rally	Ken Wansbrough	
Wednesday, 19 June 2013	8:00 PM	Annual General Meeting		
Saturday, 29 June 2013	1:00 PM	Glider Electric (3)	Margaret Pettigrew	
July 2013				
Monday, 1 July 2013	7:30 PM	Committee Meeting		
Wednesday, 17 July 2013	8:00 PM	General Meeting		

August 2013

Monday, 5 August 2013	7:30 PM	Committee Meeting	
Wednesday, 21 August 2013	8:00 PM	General Meeting	
Saturday, 24 August 2013	1:00 PM	Glider Rally (4)	Danny Hales

September 2013

Monday, 2 September 2013	7:30 PM	Committee Meeting	
Sunday, 8 September 2013	1:00 PM	Open Scale Rally (4)	Ken Wansbrough
Wednesday, 18 September 2013	8:00 PM	General Meeting	
Sunday, 22 September 2013	1:00 PM	Pylon (4)	Glen Baldwin
Sunday, 29 September 2013	9:00 AM	Jet Day (2)	Neil Giggins
Monday, 30 September 2013		Queens Birthday	Restrictions

October 2013

Saturday, 5 October 2013	1:00 PM	Glider F3B (4)	Rod O'Neil
Monday, 7 October 2013	7:30 PM	Committee Meeting	
Sunday, 13 October 2013	9:00 AM	AWA Large & Standoff Scale (Static 9.00am, Flying 12.00noon)	Ken Wansbrough
Wednesday, 16 October 2013	8:00 PM	General Meeting	
Sunday, 20 October 2013	1:00 PM	Pylon (5)	Glen Baldwin
Sunday, 27 October 2013	9:00 AM	ARF Scale & Scale Rally	Andy P / Ken W

November 2013

Saturday, 2 November 2013	9:00 AM	AWA Aussie Thermal	Steve Gleeson
Monday, 4 November 2013	7:30 PM	Committee Meeting	
Saturday, 16 November 2013	8:30 AM	Bring & Buy , Swap Meet	Geoff Doughty
Wednesday, 20 November 2013	8:00 PM	General Meeting	
Sunday, 24 November 2013	1:00 PM	Pylon (6)	Glen Baldwin

December 2013

Monday, 2 December 2013	7:30 PM	Committee Meeting	
Saturday, 7 December 2013	1:00 PM	Glider Thermal Duration (6)	Jarrah Kilgour
Saturday, 14 December 2013	5.00 PM	Christmas BBQ	TBA
Wednesday, 18 December 2013	8:00 PM	General Meeting	
Wednesday, 25 December 2013		Christmas Day	No IC
Thursday, 26 December 2013		Boxing Day	No IC

Note:

1. The notation **Restrictions** means that the restrictions that are set for Public Holiday are in force. This means that the timetable for operations at the field is that of a Sunday.

2. There are five days of the year where no IC activity is permitted. These are: New Years Day, Good Friday, Easter Sunday, Christmas Day and Boxing Day.