



Slipstream

Official Publication of Kalamunda Aeronautical Model Society (Inc). **ISSUE: JULY 2011**

It is a fairly lean Slipstream issue this month because of lack of activity at the club due to the inclement winter weather. And with our new Club Secretary away on holiday, we have been unable to get the minutes from the Annual General Meeting and General Club June meeting ready in time for publication. They will be published in the August issue of Slipstream.

Full credit to Ken Heinz and the mowing team for keeping the field in great shape. Even with the heavy rains the field as been quite good to fly off and the revised drainage system on the grass edges seems to be working well.

Until next month stay dry and we'll see you at the field.



KAMS FEE RENEWAL

As existing members of KAMS your fees are now due.

Payment may be made by cash, cheque or postal note. No on-line payments available.

Please tender the correct amount with a completed Membership Renewal Form.

Alternatively post to:

KAMS
PO Box 308
Bull Creek. WA. 6149

After July 17, please pay by post as payment at the Field may not be accepted.

Identify yourself as a current financial KAMS member by wearing your 2011 - 2012 name badge to be available from the canteen in due course. MAAA cards will follow. From 1st July, only current financial members may fly at KAMS. There is no grace period for either KAMS fees or MAAA insurance.

Geoff Griffiths
KAMS Treasurer

Here's an article regarding mobile phones vs transmitters/systems carried out by very experienced electronic engineers at Boomerangs club Whiteman Park.

As mentioned at the meeting this is a serious matter and to dismiss it out of hand is flirting with danger not only to the model itself but to people in the vicinity.

The whole issue is about how we manage our mobile phones safely at the field. They are a fact of life and at a remote location such as KAMS they are a real benefit. The MAAA recommendations are very practical and provide the necessary safeguards if followed.

(Thanks to Neil Giggins for supplying these articles)

Dated 31/05/2011

Mobile Phones and Radio Control equipment

Dear Members,

May I please bring to your attention the use of mobile phones at the WAMASC State Field Whiteman W.A.

Please don't just delete this article before you have read it in its full entirety, you may find yourself flying at another site or taking up another sport.

It's been brought to my attention the total disregard of both our National body MAAA's recommendations and our WAMASC State Field Whiteman Park W.A. Bye Laws, regarding the use and location of mobile phones in the areas of the Pits, Flight Line and Frequency Compound.

You will notice that the MAAA's views on the use of mobile phones are in the form of RECOMMENDATIONS, the WAMASC bye laws is a requirement which you MUST ABIDE with to the entrance to the facility air side.

The local bye laws must be abided by at all times from the insertion of frequency keys for both bands 36 MHz and 2.4GHz to the use of Mobile Phones and other WAMASC bye laws.

The views of the few with statements such as its not been proven for their defense does not wash and they have been watching too much Myth Buster programs.

I have personally carried out tests on a 2.4 GHz system with a mobile phone between the TX & RX with a space of 600 mm either side of the phone and totally take out the flash memory/servo driving chip set components.

Reports at our local State Field were phones have been left near too the transmitter carrying case or place inside the case resulted in totally clearing out all the memories of the TX.

A case was also reported were the pilots phone rang in his pocket while flying his model and the TX setting were corrupted and the model crashed.

The pilot may have gone home and complain to his wife it was her fault for ringing him while flying.

Reading the extracts from the MAAA's news letter that even when you are not talking on your phone the phone periodically calls the nearest providers cell tower to register its location and what power level is required to make a solid connection. The State Centre Field is not located next door to these cell towers and the nearest one is located at Malaga so a substantial amount of power will be used by your phone to establish the link.

If you need your phone because you are on call for business purposes you may consider setting up a voice mail account so you can periodically check your messages from time to time in the public area of the site. What won't be tolerated is blatant misuse of these phones while standing inside the frequency compound, in the pits and on the flight line holding business matters and personal communications.

Please don't get upset with the person that asks you to turn your phone off when you are airside it's not his problem it's yours. You will note in the WAMASC procedures manual that a three strikes policy does exist in breaking the by-laws. These by-laws are for the protection of all including the public viewing our conduct and there are signs about the use of these phones posted outside the entrance to airside.

We are being observed by the public so whatever day you fly the word gets back about your conduct and this gives the sport a bad name and the word gets around about your actions. Breaking the by-laws makes your insurance null and void and we also have a responsibility to our lease holders of our site the Whiteman Park Authority; their rangers visit the site from time to time and take notice of your actions.

The following are extracts from the MAAA news letter #6 1999, MAAA MOP045 and the WAMASC Procedures Manual 8th April 2010 with amendments 18th May 2011.

MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA INC.

Newsletter NO.6/1999 - Mobile Telephones.

The frequency subcommittee has reviewed the use of mobile phones at radio control model flying fields. It should be noted that a 1995 recommendation was that high power phones with an add-on amplifier should not be used within 30 metres of operating aircraft.

That recommendation still stands. The MAAA now recommends that mobile phones be banned at radio model flying fields in the following locations: -

The transmitter pound • The pit area • The flight line

Notes.

1. The reason for this recommendation is the possibility of interference from the radiated signal of the mobile phone corrupting a model transmitter radiated signal or the memory of computer radios.
2. Consistent with the intent of this recommendation, a buffer zone should exist between an allowed mobile phone area and a model transmitter. It is suggested that the minimum distance should be 2 metres.

The reasons for this recommendation can be consolidated and summarized as follows:-

Mobile phones are in widespread use and their use should not be unreasonably restricted. They also enable emergency communication both to modelers who are flying and in the event of problem at the field. However there are reports of interference with both the radio transmission and the memory of computer radios. Due to the nature of interference, and the fact that is possible in theory, it is almost impossible to prove that it will not occur with every combination of transmitter type and frequency. Nevertheless the interference probability drops with the square of the separation between the source of the interference and the model radio.

In the event of interference with an operating transmitter the model is likely to be lost with the financial loss to the owner and the possibility of third party damage. This problem would most likely occur on the flight line. In the event of memory corruption, depending on the severity, it is not certain that the owner would necessarily detect this during a normal pre-flight test, notwithstanding to effort to reprogram and the uncertainty as to the integrity of the transmitter afterwards.

The transmitter pound and the pit area are the most likely areas where this could occur.

The recommended restrictions significantly reduce the risks whilst at the same time enabling mobile phones to be operated in car park areas and the public viewing area if this is separate from the pits area.

It should be noted that some clubs have gone further than this and require that mobile phones be switched off once through the gate at the entry to the field. That is within the power of individual clubs.

MAAA MOP 045

4. POLICY - The M.A.A.A. strongly recommends that: -

- All mobile phones be banned at radio controlled model flying fields at the following locations and in any areas between them: -
- **The transmitter pound • The pit area • The flight line**
- **High power phones with an add-on amplifier are not used within 30 metres of operating aircraft.**

5. GUIDANCE

With the widespread use of mobile phones and the benefits that they bring for general use, and also for emergencies, it is not the intention to unreasonably restrict their use at model flying sites.

It is anticipated that the layout of most flying fields will allow convenient areas to be available, such as public viewing areas or the car park, where mobile phones can be operated safely and in accordance with this Policy.

Consistent with the intent of this recommendation, a buffer zone should exist between where mobile phones are allowed and the location of any radios control transmitters in the transmitter pound or pit area.

It is recommended that distance should be a minimum of 2 metres. As each field layout is different, it is up to the local field management to decide how this policy should be actually, and clearly, implemented to ensure that it complies with these recommendations in a practical manner.

Mobile phones that are switched on radiate at regular intervals to maintain identification with the base station, not just when a call is in progress. Due to the difficulty in identifying whether a mobile phone is switched on or not, it is recommended that the ban applies to all mobile phones not just those that are switched on.

Treasurer's Report July 2011

Extracted from the full report presented to the July Committee
and General meetings for the June 2011 accounts.

BF from May \$2487.25

Expenditure

| | |
|---------------------|------------------|
| Cleaning | 100.00 |
| Field Maintenance | 470.00 |
| Synergy | 354.65 |
| Computer | 1588.00 |
| Hire | 660.00 |
| Audit | 660.00 |
| Sundries | 826.00 |
| <u>Refreshments</u> | <u>38.00</u> |
| Total | \$4696.65 |

Income

| | |
|------------------------------------------------------------|-------------------|
| Fees | 17100.00 |
| <u>Bank Interest</u> | <u>2.81</u> |
| Total | \$17102.81 |
| CF to July/August 2011 and reconciled to bank statement | |
| | \$14893.41 |

Term Deposit

07Feb '11 – 05Sept '11 \$35000.00

Canteen Manager's Report

Total takings 578.30 Less expenditure 230.90 Retained by manager \$347.40

FOR SALE

Futaba T7CA 2.4Ghz 7 Channel Radio

Mode 2. (Can easily be changed to Mode 1)

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\$150 ONO.

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email: ross.duncan@bigpond.com



ATTENTION ALL MEMBERS

The K.A.M.S. General Meeting

will be held this Wednesday July 20th

at RAAF Association Bullcreek

Commencing 8pm

Presidents Report 2010/11

Well another year has come and gone. It seems like just yesterday that that I assumed the chair and was set to experience club leadership. It has been an interesting journey and my eyes have been opened to many issues that our club face on an almost weekly basis. This said I could not have done it without the support and cooperation of what I consider to be a great committee.

The issues of noise have now hopefully been put to bed with a number of problems identified and dealt with during the last year. I hope that as a result of these matters that all club members now have a clearer understanding of the issue of noise and noise complaints as well as how this can adversely affect the club in the future. Let me, at this time, reassure the membership that we are in no danger whatsoever of losing our field and this will never happen, however there is a real possibility if noise is allowed to get out of hand of the local authority rescinding our approval for the use of rural land for the purpose of a model flying site. I cannot therefore stress the importance of vigilance of all members when it comes to the question of noise pollution. We do not want to become share farmers, or at least I don't.

Safety is something that in the past has been in our minds but generally at the back in some place we don't often enter. At this time I would like to endorse the actions of our club safety officer, Garry Turna, who I believe is the first member in a long time to take this role seriously. Garry has ensured that where transgressions have occurred he has been on to it immediately and has addressed the issues with the member without fear or favour. It has been a very tough role with some members taking exception to his directives however most members have accepted the comments and addressed the questions raised. Garry is to be congratulated in the way he has undertaken this role over the last two years and I know that the club is all the better for his service. I am also aware that there is a number of safety issues that are not being observed by members so if you are spoken to please understand that this is for a reason and that the person who speaks to you is trying to make our club a safer place for us all.

We have again seen improvements at the club both at the field and the demeanour of members. This is due in part to cooperation and consideration among members and guests. It is great to see and I know we all now enjoy our visits to KAMS Field and look forward to going to the field on our chosen day. I think that this in turn has seen our membership rise to 140 this year and I believe that this figure will be exceeded next year. With special events such as Warbirds and its success and professionalism with which it was run has, I am sure that the future for our club is bright.

Our first bring and buy, trash and treasure, car boot sale, call it what you like, was held earlier this year and was an unmitigated success. I think that all who attended benefited in some way, whether it was as a seller or a buyer. I hope we will see another such event held again this year. So if you are planning on a clean out of the shed or perhaps are looking for a bargain keep your eye out as I am sure that you will find details in an upcoming slipstream.

Finally I would like to acknowledge the efforts and tremendous support of my fellow committee. Geoff Griffiths, who has worked diligently in keeping KAMS books in tip top shape. I am a little worried though he seems to be taking an awful lot of overseas holidays, Murray Tingey, who stepped up to the plate and took on the role of secretary. This was a tall order and to his credit has kept us all on the straight and narrow with his well maintained club records, Garry Turna, who has been brilliant as safety officer who has ensured that members are able to fly safely and with little impact on our club. Well done Garry I think you have left big shoes to fill, Andy Peryer without who's efforts on club nights we would all be drinking just water, some members may recall the club meeting where someone else was charged with this responsibility and as a result of an administrative error the normal end of meeting drinks didn't happen, Barry Beeston as committee member gave his full support and worked well as part of the team and finally to my wife Jenny who has looked after us at committee meetings with tea, coffee and food.

I have thoroughly enjoyed my term as President over the last two years and I hope that I have been able not only to support the club but also to have made a difference. I am looking forward to being a member of KAMS for many years to come.

Geoff Doughty
PRESIDENT June 15th 2011

HAVE YOU BEEN BITTEN BY THE SCALE BUG?

*If you love aeromodelling, you must have dreamt of flying a scale aircraft at some time.
Or do you fly scale already and want to become more involved in this area of our hobby?*

The Scale Society needs AWA members from all clubs to carry on the tradition of scale modelling and flying. And you don't have to be a scratch building genius to be part of it. If your passion is golden era, warbirds or civilian aircraft we would love you to become part of the scale society. There's no fee to join or tasks to fill, simply become involved during the many scale rally's held at clubs throughout the year.

There are only a few competitions and ARF's can be flown at most of them. Flying scale aircraft is not difficult and very rewarding and you'll find the scale fraternity are a great bunch of people who love welcoming new flyers.

**For more information on the Scale Society of WA
please contact Ken Wansbrough on 9291 6327**

The next Scale Events at KAMS are: AWA Large Scale & Stand Off Scale

**Sunday August 14th
Static 9am Flying 11pm**

**Flying Only Scale
Sunday September 4th
Flying commences 1pm**



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KAMS Calender 2011 (Revision 10)

| Date | Day | Time | Event | CD | Notes |
|---------------------|-----|---------|-----------------------------|---------------------------|---------------------------|
| July-11 | | | | | |
| 2 | Sat | 1:00 PM | Glider Electric Thermal | Bill & Margaret Pettigrew | |
| 20 | Wed | 8:00 PM | General Meeting | | |
| August-11 | | | | | |
| 14 | Sun | 9:00 AM | AWA Large & Stand Off Scale | Ken Wansbrough | 9am Static, 12pm Flying |
| 17 | Wed | 8:00 PM | General Meeting | | |
| 27 | Sat | 9:00 AM | Aerotow Glider Rally | Danny Hales | |
| September-11 | | | | | |
| 4 | Sun | 1:00 PM | Scale - Flying Only | Ken Wansbrough | |
| 11 | Sun | 9:00 AM | Jet Rally | Neil Giggins | |
| 17 | Sat | 1:00 PM | Pylon | Mark Giggins | |
| 21 | Wed | 8:00 PM | General Meeting | | |
| October-11 | | | | | |
| 3 | Mon | | Queens Birthday | | Restrictions ¹ |
| 8 | Sat | 1:00 PM | Glider F3B | Tim Kullack | |
| 15 | Sat | 1:00 PM | Pylon | Mark Giggins | |
| 19 | Wed | 8:00 PM | General Meeting | | |
| 23 | Sun | 9:00 AM | Electric Scale Rally | Ken Wansbrough | |
| November-11 | | | | | |
| 6 | Sun | 9:00 AM | AWA F3J Glider Sate Champ's | Steve Gleeson | |
| 12 | Sat | 1:00 PM | Pylon | Mark Giggins | |
| 16 | Wed | 8:00 PM | General Meeting | | |
| December-11 | | | | | |
| 3 | Sat | 4:00 PM | Annual Xmas BBQ | | |
| 4 | Sun | 9:00 AM | Open Scale Rally | Ken Wansbrough | |
| 10 | Sat | 1:00 PM | Glider Thermal Duration | Bruce Hunt | |
| 17 | Sat | 1:00 PM | Pylon | Mark Giggins | |
| 21 | Wed | 8:00 PM | General Meeting | | |
| 25 | Sun | | Christmas Day | | No IC |
| 26 | Mon | | Boxing Day | | No IC |
| 27 | Tue | | Public Holiday | | Restrictions ¹ |
| 28 | Wed | | Public Holiday | | Restrictions ¹ |

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.