



# *Slipstream*



***Kalamunda Aeronautical Model Society (inc)***

January 2010

### On the Cover;

Mark McEntee's stunning Airco (deHavilland) DH-4 off for another sortie (picture by G. Kowalski).

### From The President's Desk

#### 2010

Happy New year to all members and families. I along with the committee wish you a very safe, prosperous and happy new year. May the wind gods be kind to you all during 2010 and may you all enjoy your flying activities.

#### **MOAN, MOAN, MOAN.**

I hate to start the New Year off with a grumble but I need to. Unfortunately the message is not getting through to some members. FLYING OVER THE BOUNDARIES, PARTICULARLY THE SOUTH EASTERN BOUNDARY is not on.

In order to avoid the necessity of committee intervention I urge ALL members to note the boundary indicators on the fence line facing the flight line. These have been put there to help delineate the boundary over which we must not fly. Please take note and ensure that you stay within the boundaries. Overflying the houses just past this boundary will cause concern to KAMS. Please avoid it at all costs. Safety in the pits- this also is causing some concern. Again please observe the safety rules concerning the pits areas.

: Please do not liven up your electric aircraft or start and run your IC or petrol engines in the pits. ALL aircraft must be taken to the grassed surface to be started.

: Please ensure when running your engine the plane is facing AWAY from the pits.

: When leaving the field please return your chairs to the covered shelter area.

: Please respect the fact that we are all at the field to enjoy our hobby / pastime and ensure that you fly safely.

Finally over the Christmas break the canteen was opened by someone other than Malcolm. It was apparent that some stock (purchased by Malcolm) spoiled as a result of the fridge being left open .Please ensures that if you access the canteen at a time when Malcolm is not in attendance you make sure that the fridge is closed when departing and that all drinks consumed are paid for. The stock belongs to Malcolm and not the club.

#### **VISITORS and GUESTS**

We ask that all members be aware of the club rules regarding visits (for purposes of flying) by other than KAMS members. Please note that non members (not AWA members) are welcomed for the first 2 visits only and must be signed into the visitor's book. Thereafter they must become a member to fly. We

encourage all members to be aware of this requirement and not abuse the rule regarding visitors.

If you are the last to leave the field please ensure that all chairs are stored as requested, the windsock is taken down, and the canteen is locked and that the entry gate is locked behind you. Thank you for your co operation.

#### **FACILITIES**

By now you should be aware of the field improvements including canteen upgrade, new furniture, and brick paving and flying surface improvements. I am pleased to say we are nearing completion of the upgrades and anticipate the paving should be finalized by the end of the month. The new shade sails have been ordered and will take approx 3 weeks to manufacture. These will be installed as soon as is possible which will ease the heat coming from the new paved areas.

Till next time.....happy flying  
Geoff

### MEMBERSHIP RENEWALS

Please complete a Membership Renewal/New Form obtainable from the canteen or email [kams1976@gmail.com](mailto:kams1976@gmail.com) for a PDF copy.

Return with your cheque or postal order to

KAMS PO Box 308 Bull Creek 6149.

Your receipt, membership card and MAAA card will be available from the canteen in due course.

Renewals may also be paid directly to the Treasurer at the General Meetings.

Please do not send cash through the post.

### aLms for the poor..

Ladies and gents, if you haven't noticed, this edition of Slipstream is very VERY short on pictures. If you have something worth taking a snap of, be it your aircraft or a mates please send it in to the editor so that everyone can also see it's worth!

You can send your digital images in via email to

[curare@iinet.net.au](mailto:curare@iinet.net.au).

Cheers Ed.

## Minutes of General Meeting held on Wednesday, 16<sup>th</sup> December, 2009

### Chair

Meeting Open: 2002  
 Attendance: 23 + 1 arriving during the presentation of the Treasurer's Report  
 Apologies: Bill Pettigrew, Margaret Pettigrew, David Shue  
 Visitors: Nil

### Secretary's Report

Correspondence Inward: Unity Insurance Brokers, Field Policy Document  
 Mark Giggins, Pylon Group. Note of Concern  
 Correspondence Outward: Nil  
 Minutes of Last Meeting: Printed in last *Slipstream*  
 Acceptance of Minutes: Moved: Eric Gooch Seconded: Nigel Molyneux Result: Passed  
 Business Arising: **Motion:** It is moved that the motion contained in article CB4 of the minutes of the General Meeting of November, 2009 be rescinded as it interferes with the Society's history.  
 Moved: Frank Jensen Seconded: Ken Wansborough  
 The motion was **defeated** eight (8) votes for and ten (10) votes against with five (5) abstentions.  
 Acceptance of Minutes: Moved: Eric Gooch Seconded: Frank Jensen Result: **Passed**

### Treasurer's Report

#### **Current Account**

Statement Date:	30NOV2009
Statement Balance:	\$12,355.52
Balance Bought Forward:	\$21,737.94
Deposits:	\$1,029.00
Interest Received:	Nil
Cheques:	\$11,196.62
Balance Carried Forward:	<b>\$11,570.32</b>
Cheques not on Statement:	\$785.20
Reconciled to Bank Statement:	\$12,355.52

#### **Max-i Account**

Statement Date:	30NOV2009
Statement Balance:	\$0.00
Balance Bought Forward:	\$22,657.18
Bank Fees:	\$5.00
Interest:	\$32.85
Transfer from Current Account:	\$2,314.97
*Transferred to Term Deposit:	\$25,000.00
Balance of Bank Statement:	<b>\$0.00</b>

#### **Payments for the September:**

Field Maintenance	\$7,688.99
Cleaning	\$125.00
Stationery	\$42.91
AMA	\$595.00
Electricity	\$166.75
Insurance	\$188.00
Bank Fees	\$75.00
Transfer to Term Deposit	\$2,314.97
<b>TOTAL:</b>	<b>\$11,196.62</b>

#### **Canteen Report:**

Income:	\$458.90
Expenses:	\$98.40
Retained by Canteen Manager:	<b>\$360.50</b>

#### **Term Deposit:**

Maturing 21<sup>st</sup> June, 2010 at 5.2% **\$25,000.00**

Acceptance of Treasurer's Report: Moved: Andy Peryer Seconded: Ian Johnson Result: **Passed**

## Membership Services:

### **Membership Statistics**

Members as at 31 <sup>st</sup> October, 2009:	117	Membership last year:	131
Renewals:	3	Members at 1 <sup>st</sup> July:	97
New Members:	2		
Membership – 31 <sup>st</sup> October, 2009:	122	Members without Email:	13
New Members for Approval:	1	Members with Email:	110
Total Membership:	123	Members without Email:	13

The following new member has applied, paid their appropriate dues and been duly nominated and seconded by a financial member:

	<b>Class</b>	<b>Wings</b>	<b>MAAA</b>	<b>Proposed</b>	<b>Seconded</b>
Chris Tank	Senior	NZ Qual		Bruce Hunt	Garry Turna

The nominee was accepted by the meeting, unanimously.

### Instructors

- The next instructor's course will be conducted in late March or early April. Nominees are being sought for the course.
- The Silver Wings qualification has now been released as an AWA initiative. An exemplar of the Silver Wings badge was passed around the members.

### Field Manager

The brick paving in front of the shelter is now complete.

The slabs in front of the transmitter pound are currently being laid.

The sheeting on the roof of the ladies toilet has been fixed.

The hot water system at the rear of the canteen continues to leak. Neil Giggins will fit a new valve in the near future.

Fox baiting will end next week and the baits recovered. Two of the baits have been taken.

The President thanked Eric Gooch for the wonderful effort that he has put in over recent months and particularly his efforts in toiling away in 38 degree heat. In recognition of his services to KAMS, Eric was presented with a watch that was suitably engraved.

### AWA Report

The AWA meeting will be held next week.

Dardenup field is now up and running.

The Whitfords field is in the process of getting their runway constructed with the assistance of the local council.

The AWA has applied for a lease of one square kilometer at a site in the old Gngangara pine plantation. The site is to the west of Ellenbrook.

### Business Referred from the Committee

#### *CB6 Works Programme*

#### *CB6.2 Pits Maintenance*

A committee member has had some discussions with several members who were involved in the construction of the current buildings, including the pits areas. The concern is that there is degradation of the vertical supporting structures and the roof support trusses.

#### **Action:**

The matter was referred back to the Committee.

#### *CB6.3 Shade Sails*

The President reported that Acquashades are currently clearing a major project and have not had the resources to undertake the work for KAMS. In the interim it has been noted that Bunnings have shade sales available at a much reduced cost. The question of quality and the fact that the Bunnings shade sails do not have proper reinforcing around the edges was discussed. Several members spoke of their experience with the Bunnings sails and that they had a limited life.

**Action:**

The decision of the meeting was to stay with Aquasail as it would be a superior product that would be less expensive in the longer term.

**CB6.4 Open top of Shelter**

The gap at the top of the shelter allows rain to enter during winter. It was suggested that the gap be filled prior to the forthcoming winter. This would continue to cause damage to the contents of the shelter and particularly the recently acquired fabric covered chairs.

**Action:**

The matter was referred back to the Committee.

**CB8 Events Calendar**

Various changes have been made to the calendar following feedback from SIG representatives and members.

There is confusion about the flight restrictions that exist on Public Holidays and about the actual times that certain aircraft can fly. There is particular confusion over the cut-off time for the larger aircraft with a time of 1530 being considered as the rule by some and that there is no difference at all to IC powered aircraft and that the time limit was 1800. One opinion put forward was that "under the rules" there was to be "no gas engines after 3:30 on Sundays". The situation will be clarified and published in the January, 2010 issue of Slipstream. It was noted is that there are not enough dates allocated to the Pylon SIG.

**Actions:**

1. Clarification of IC flight times will be published in the next Slipstream.
2. The 2010 Event Calendar is to be updated with additional Pylon Events and referred to the next General Meeting.

**CB11 Facilities****CB11.1 Garden Furniture for the Field**

Frank Jensen was able to source quality plastic chairs that are used by hire companies for \$15 each. A total of 15 chairs have been sourced and are now in use at the field.

Additional trestle tables will be purchased, probably from Bunnings which have them available at around \$65 each.

**CB12 Xmas Party**

Frank Jensen advised that the annual Christmas BBQ and Twilight Fly was held on 12<sup>th</sup> December, and had been a great success with over 40 people attending.

The President advised that Malcolm had spoken to him and was concerned about members entering the canteen when he was not there and helping themselves to tea, coffee and drinks. All members were requested to remain honest and to pay for what they consumed. It was pointed out that Frank and his team had provided their own tea and coffee at the Christmas BBQ and therefore this should not have been an issue.

**General Business****GB1 Glider SIG Rep**

Nigel Molyneux raised the issue of an email that had been forwarded to the Committee regarding the Glider SIG representation. Tim Kullack has resigned from this position due to other commitments and Nigel has been proposed as the representative.

This was accepted by the meeting.

**GB2 Suzuki – Petrol Card - \$250.00**

Frank Jensen advised that they had received a registered email from Suzuki with a fuel voucher to the value of \$250.

**GB3 Walkie-Talkies at the Field**

A member raised the issue that he had experienced a fellow member using a "walkie talkie" at the flight line. He reminded members that these should be regarded in a similar manner to mobile phones and not be taken to the flight line due to the potential to interfere with communications with the aircraft.

**GB4 AMI – February Issue**

Ian Johnson advised that there would be an article on the Magnificent Men display and the Gloucester from the recent Warbirds day appearing in the forthcoming issue of AMI that will be appearing on our shelves in early February.

GB5 *Wings over Whiteman and Warbirds*

WAMAS are looking to transfer the *Wings over Whiteman* event to April and there had been some discussion of combining *Warbirds* with this event.

This was strenuously rejected by the meeting.

#### Meeting Close

The President wished everyone the compliments of the season and the meeting closed at 2109.

## Register of Visitors

This year the diary that was formerly used as a Visitor's Register has been replaced with a form that seeks information that complies with the relevant By-Laws. It is maintained on a clipboard in the box on the back wall of the shelter in a container that is labeled "Visitor's Book".

Also on the clipboard are the following items:

A sheet outlining the more important rules associated with visitors and a diagram of the field to assist the member in instructing the visitor as to the various no-fly zones.

Membership Forms should the visitor wish to apply for membership of KAMS. Additional Membership Forms are available from the canteen.

#### **A set of the current By-Laws.**

There appears to be some misunderstanding amongst some members about the regulations applying to visitors and the following notes may assist:

It is the member's responsibility to make the visitor feel welcome and advise the visitor of the rules and by-laws associated with flying at KAMS. (By-Laws 2.13 and 2.12)

Particular attention should be paid to briefing your visitor about the current rules relating to no-fly zones, noise and boundaries. The boundaries should be clearly demonstrated to ensure that over-flight of neighboring properties is prevented. (By-Laws 3.3, 3.9, 3.12 and 3.17)

The member must accompany the visitor for the time that they are at the field. If you leave the field, then the visitor should accompany you. (By-Law 3.3)

The MAAA number is required if the visitor is a member of another club and this must be sighted by the member. (By-Law 3.3)

A visitor can only fly in terms of their flight status in terms of solo status and type of aircraft. (By-Law 3.13)

A visitor with a current MAAA card is restricted to FOUR visits per year excluding open days and competitions. (By-Law 3.3)

A visitor without a current MAAA card must only fly under the direction of an appropriately qualified instructor. (By-Law 3.3)

A visitor without a current MAAA card is restricted to TWO visits in total prior to becoming a member of KAMS. (By-Law 3.3)

*Bruce Hunt, Secretary*



## KAMS Oldbury 2010 Calendar

Date	Day	Time	Event	CD	Notes
<b>January</b>					
01	Fri		New Years Day		No IC
20	Wed	2000	General Meeting		
26	Tue		Australia Day		Restrictions <sup>1</sup>
<b>February</b>					
06	Sat	0900	Glider F3B	S Watts	
13	Sat	1300	Pylon	M Giggins	
17	Wed	2000	General Meeting		
<b>March</b>					
01	Mon		Labour Day		Restrictions <sup>1</sup>
06	Sat	1300	Pylon	M Giggins	
14	Sun	0900	Glider Rally	D Hales	
17	Wed	2000	General Meeting		
20	Sat	1000	Aerobatic Workshop	G Kowalski	Field Open
28	Sun	1300	Scale - Flying	K Wansborough	
<b>April</b>					
02	Fri		Good Friday		No IC
03	Sat		Easter Saturday		Restrictions <sup>1</sup>
04	Sun		Easter Sunday		No IC
05	Mon		Easter Monday		Restrictions <sup>1</sup>
11	Sun	0900	<b>Warbirds</b>	I Johnson	
18	Sun	1500-1700	Free Flight Scramble		
21	Wed	2000	General Meeting		
24	Sat	1300	Glider - Electric	N Molyneux	
25	Sun		ANZAC Day		Restrictions <sup>1</sup>
26	Mon		Public Holiday		Restrictions <sup>1</sup>
<b>May</b>					
01	Sat	1500	AWA FF & HLG Scramble		
09	Sun	0900	F4C Scale	K. Wansborough	
15	Sat	0900	KAMS Flyin	A Peryer	
16	Sun	0900	KAMS Flyin	A Peryer	Four Stroke Day
19	Wed	2000	General Meeting		
22	Sat	1300	Pylon	M Giggins	
<b>June</b>					
07	Mon		Foundation Day		Restrictions <sup>1</sup>
12	Sat	1300	Glider - Electric	B&M Pettigrew	
16	Wed	2000	General Meeting		
27	Sun	1300	Scale (Flying)	K Wansborough	
<b>July</b>					
17	Sat	1000	Aerobatic Workshop	G Kowalski	Field Open
18	Sun	0900-1200	O/T Standard Duration		
21	Wed	2000	General Meeting		
24	Sat	1300	Pylon		

Date	Day	Time	Event	CD	Notes
<b>August</b>					
07	Sat	1300	Glider	C Martin	
18	Wed	2000	General Meeting		
21	Sat	1300	Pylon		
<b>September</b>					
12	Sun		O/T Open Duration		
15	Wed	2000	General Meeting		
19	Sun	1200	Jet Rally		Open Duration
27	Mon		Queens Birthday		Restrictions <sup>1</sup>
<b>October</b>					
02	Sat	1300	Pylon		
09	Sat	1300	Glider [F3B]	T Kullack	
17	Sun	0900	AWA F4C Scale	K Wansborough	
20	Wed	2000	General Meeting		
23	Sat	0900	Busy Bee (half day)		Field Closed
24	Sun	0930	Busy Bee (half day)		Field Closed
<b>November</b>					
14	Sun	0900	Large & Stand Off Scale		
17	Wed	2000	General Meeting		
21	Sun	0900	AWA Glider Thermal	S Gleeson	
27	Sat	1300	Pylon		
<b>December</b>					
05	Sun	1000	Scale Rally	K Wansborough	
11	Sat	1000	Aerobatic Workshop	G Kowalski	Field Open
11	Sat	1600	Annual Christmas BBQ and Twilight Fly		
15	Wed	2000	General Meeting		
18	Sat	1000	Glider – Thermal Duration	A Peryer	
25	Sat		Christmas Day		No IC
26	Sun		Boxing Day		No IC
27	Mon		Public Holiday		Restrictions <sup>1</sup>
28	Tue		Public Holiday		Restrictions <sup>1</sup>

**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.

### **Chairs at the Field**

We are now fortunate to have quality chairs at the field through recent donations of padded chairs and the purchase of additional quality plastic chairs. If they are left in the pits areas they are blown around by the wind. As a result they can get wet from the sprinkler system or become damaged through hitting objects in their path.

Members are reminded that prior to departure from the field that they are responsible for returning chairs to the shelter. If you are last to leave the field for the day you should ensure that all chairs are returned to the shelter and stacked in such a way that they will not blow around or become wet from sprinkler overspray. This is your responsibility even if you were not the person to put the chairs out in the first place. Likewise you should ensure that the wind sock is taken down and stored safely in the shelter and that the gate is locked on departure.

*Bruce Hunt, Secretary*

# "It all hangs in the balance..." *part deux*

Last time we discussed the whys and wherefores of our most important balance point, our longitudinal balance. But what about our lateral balance? Does it have an effect?

Oh my wordy lordy yes! Lateral balance is one that is often overlooked or considered to be "a load of bunk" well I have to say I used to think that way and as my flying skills increased (do I hear laughter?) I noticed my aircraft behaving in strange ways, see that's the thing with lateral balance, it's sneaky.

More often than not I've flown planes which on takeoff have a tendency to roll one way or the other, so you feed in opposite trim and keep flying right? Well no not really. I'd land pretty soon and figure out what's causing it. If it's a warp, FIX IT, and if it's a lateral balance issue, FIX IT. The fact that you've had to feed in opposite aileron to lift a heavy wing will come back to bite you in the hindquarters in many ways, let's list them. Firstly, the trimming that you did will only level the aircraft when the aileron is working to a desired level, that means its speed dependant. As you slow down, the heavy wing will drop again and as you speed up the aileron will overtake the weight lifting the wing. Next, consider what happens when you fly inverted (with a plane made for it of course, Wright flyers need not apply). The heavy wing is still heavy but the aileron is now lifting DOWN instead of up which means you end up with more roll than if you'd just left the trim alone, ACK! This is getting bad! Finally, (here's the kicker) whenever you add G force to the aircraft (doing a loop or a turn will do it) the "apparent weight" of that heavy wing will increase, and suddenly you're corkscrewing out of everything you try to do! About as fun as getting your head jammed in a car door isn't it?!

So we're all sold, lateral balance is needed, but how do I know when I'm right? Well, do all the things here in reverse, and see what you get! For those aerobatically minded, the last two elements make for a powerful trimming tool.

Are you keeping a heading (not rolling) inverted as well as right side up? If not, a fix may be in order.

Now, if you drop into a vertical dive and pull up at the bottom, without touching the ailerons of course, do you come out level or one wing low? It doesn't matter which way you're going as long as you're level. If not, you know which wing is heavier, so add some lightness to that one if you can.

Well, that should keep you busy until next month, where we shall discuss finer trimming and cheap balancing tools!  
Greg Kowalski

## SWAP SHOP

### FOR SALE

#### **Pica Waco biplane.**

Constructed from the Pica kit by Barry Webb and finished in Solartex. 72 in wing span and almost ready to fly. Requires some finishing to cowl and installation of radio gear. Suits 120 four stroke or similar power plant.

\$170.00

Phone Geoff Doughty 0401 000 404 any time Home 9456 2459.



#### **TRAINER -40**

Built to teach someone how to fly, who has since chosen not to partake, now available is a perfect little trainer, assembled with care by an MAAA instructor, so there's no "little surprises" ready to fly in three states of dress.

1. airframe only \$100
2. airframe and engine (new OS 46LA) \$150
3. Just add receiver \$200

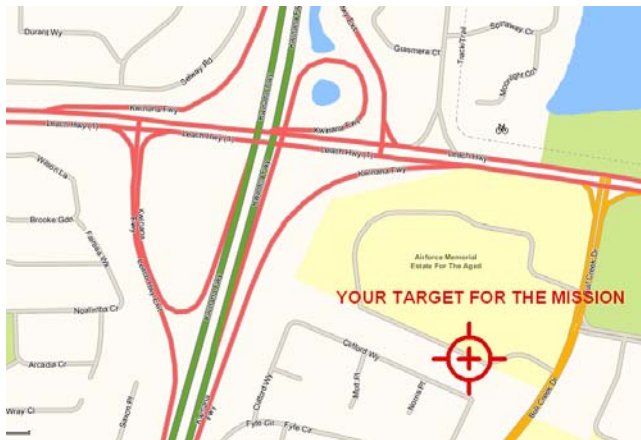
For details phone Greg Kowalski on 0413 152 666 or at [curare@inet.net.au](mailto:curare@inet.net.au)





## WITNESS DEMOCRACY IN ACTION!

..Tell us what you really think... No, Seriously, We mean it! All of the events that shape the future of the club we know and love are in your hands. Everyone has equal standing in the club, and if you're not there to voice your opinion, you've only yourself to blame if you don't like the way the club is run. It's a democracy, but you have to be there to have your say. So: **HAVE YOUR SAY!**



When you see the really, really BIG model spitfire, looming out of the darkness, you're there!  
Refreshments are provided, and there's always time for a good yak afterwards.

### MEETING STARTS AT 8:00 BE THERE

## Special Interest Groups

As you may be aware, several special interest groups operate within the KAMS infrastructure. These groups cover a variety of aeromodelling disciplines and welcome enquiries from new and existing KAMS members.

Contact names:

### RC Scale

Ken Wansborough

### RC Pylon Racing

Matt Picken

Mark Giggins

### RC Combat

Troy Latto

### RC Glider

Nigel Molyneux

### F3A ( precision aerobatics)

Greg Kowalski

### RC Old Timer and Free Flight

Ian Dixon

### RC Turbine

Neil Giggins

Gary Turna

## Flight Instruction

If you are a new member or just need to brush up on some skills, KAMS has a group of qualified instructors that are available to assist you. Please contact your committee members to discuss your training requirements.

Website

KAMS now has a website online. Pick up the latest info as well as back issues of Slipstream from:

<http://www.kams.net.au>

## General Meetings

KAMS General Meetings are conducted on the third Wednesday of every month at The RAAF Association Bullcreek Drive, Bullcreek. The meeting room is on the left under the Spitfire. Meetings start at 8pm and usually run for an hour. All members should aim to attend as many meetings as possible in order to have their say on matters affecting the club.

### Canteen:

Malcolm Retallack (Manager): 0418 943 539

Hours: 08:00 – 14:00

**Slipstream Deadline:** Wednesday prior to monthly meeting. Submissions by email in unformatted text. Pictures un-cropped.

**Slipstream Complaints:** Please forward all correspondence regarding slipstream complaints to your nearest circular file available to you.

Your Committee for 2008/2009

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