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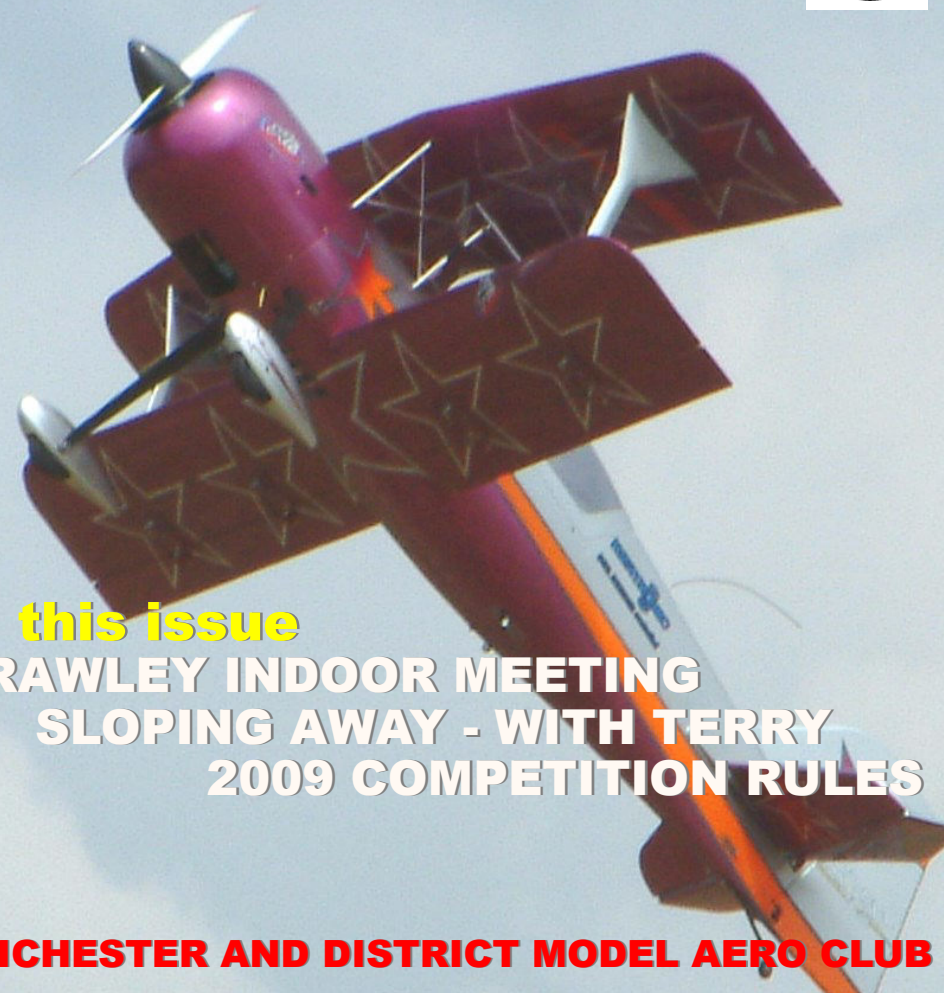
email: [flitehook@talktalk.net](mailto:flitehook@talktalk.net)

<http://www.flitehook.net>

The articles and views expressed by our members, are not necessarily the views of the editor or committee and therefore we reserve the right to modify and or refuse an article if it is considered in the best interest of the club.

MARCH 2009

# CLEAR DOPE



**In this issue**

**CRAWLEY INDOOR MEETING**

**SLOPING AWAY - WITH TERRY**

**2009 COMPETITION RULES**

**CHICHESTER AND DISTRICT MODEL AERO CLUB**

# Chichester and District Model Aero Club

Life President: Admiral Sir John 'Sandy' Woodward GBE  
KCB

## Committee 2009

Chairman	Tony Chant	01243 262816
	mobile 07766 078977 email:tonychant@talktalk.net	
Secretary & Social Sec.	Toni Reynaud	01243 370422
	email address: tonibr@onetel.com	
Treasurer & Membership Sec.	Keith Wood	01903 732595
	4 Buttermere Way, Littlehampton, W/S BN17 6SX	
	email address: keithwood43@btinternet.com	
Safety Officer	Morris Campbell	01243 670294
Competition Sec.	Ray Beadle	01243 670163
Thorney Rep.	Derek Honeysett	01243 371093
Porthole Farm Rep.	Steve Skinner	01243 601780
Slope Rep.	Fred Minay	01243 373526
BMFA Rep.	Ken Knox	02392-593104
	email: kenneth.knox@btopenworld.com	
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	The Aylings, Queens Avenue, Chichester, West Sussex. PO19 8QB	
	email address: aerobruce@aol.com	

## Committee appointed positions

Snr. Training Offr.	John Riall	01243-782922
Junior Members Protection Co-ordinator:	Bruce Smith	01243 531602

## CADMAC Website - [cadmac.co.uk](http://cadmac.co.uk)

**BMFA Southern Area Website**  
**[sambfa.org.uk](http://www.southernareabmfa.org.uk)**

<http://www.southernareabmfa.hampshire.org.uk>

Cover Photo: Action shot from the Hastings Show 2008. Contact Toni soon if you want to book for the Club Show Outings this year.

## CADMAC Registered 'B' Fliers, Instructors and Examiners

- S1 Registered Area Chief Examiners  
**No entries - Mick Galvin is an ACE but not in our region.**
- S2 Registered CADMAC Power Fixed Wing Club Examiners  
Tony Chant, John Riall, Steve Skinner, Stuart Whittle  
**(Robert Horton has now withdrawn)**
- S3 Registered CADMAC Silent Flight Examiners  
Tony Chant  
**(Ron Hemblade is not an examiner)**
- S4 **Registered BMFA Approved Power Fixed Wing Instructor**  
**Tony Chant, Peter Daer, Keith Stanley**  
**(Don't recognise this category - not part of our yearly submission to BMFA)**
- S5 Registered BMFA Club Instructors Power Fixed wing  
Ray Beadle, Mick Blundell, Morris Campbell, George Chant, Tony Chant,  
Peter Daer, John Fowler, Andrew Gibbs, Alan Litchfield, Graeme Ousby,  
Kevin Porter, John Riall, Steve Skinner, Bruce Smith, Harry Walton.  
**(Adrian Childs, Stuart Whittle and James Honeybourne are not CADMAC Club Instructors.)**
- S6 Registered BMFA Silent Flight Instructors  
Mick Blundell, Tony Chant, Keith Stanley
- S7 Registered BMFA Club Instructors Heli  
Graeme Ousby
- S8 Registered BMFA B Certified Fliers Fixed Wing  
Ray Beadle, J Brandhuber, Terry Burley, George Chant, Tony Chant,  
Adrian Childs, Dave Etherton, Malcolm Farrington, Andrew Gibbs, Robert Horton, Alan Litchfield, Graeme Ousby, Mick Pearce, Kevin Porter,  
John Riall, Steve Skinner, Bruce Smith, Keith Stanley, Stuart Whittle
- S9 Registered BMFA B Certified Fliers Heli  
Graeme Ousby

From Keith Wood - Hon Treasurer and Membership Secretary

# ALL MEMBERS

PLEASE NOTIFY

Treasurer/Membership Secretary - Keith Wood; and  
Chairman (Database and Security Passes) Tony Chant  
**WHEN YOUR HOME, PHONE, EMAIL, CAR DETAILS CHANGE.**

## Events Calendar 2009

Club-night Events   Competitions   Indoor Flying   Other Events

12th Mar	Club Auction
14th Mar	Climb & Glide Thorney Island 12.00 noon
21st Mar	Indoor Flying - Seaford College - 1.00 pm to 5.00 pm
09th Apr	Talk by George Worley Of Purple Power - Flying Electrics
11th Apr	Bomb Drop Comp Thorney Island 12.00 noon
25th Apr	Indoor Flying - Seaford College - 1.00 pm to 5.00 pm
14th May	Skittles Night
23rd May	Scramble (i/c) Thorney 12.00 noon
02nd June	Light Flight and Control Line + Chairman's Chat
13th June	Slope Comp Trundle 12.00 noon
21st June	BMFA Southern Fly-In Chesford Head
27/8 Jun	Wings & Wheels (Club Outing?)
09th July	Light Flight and Control Line + Chairman's Chat
11th July	Electrics Day Thorney 12.00 noon
25/6 July	Hastings Show (Club Outing?)
13th Aug	Light Flight and Control Line + Chairman's Chat
15th Aug	Open Glider Comp Thorney 12.00 noon
22nd Aug	Open Glider Comp Thorney 12.00 noon
29th Aug -	Weekend Power Nats Barkestone Heath
05th Sept	Open Glider Comp Thorney 12.00 noon
10th Sept	Indoor Flying and Chairman's Chat
12th Sept	Loops, Rolls, Spins Thorney 12.00 noon
19th Sept	Weekend Hop Farm Show (Club Outing?)
08th Oct	Table Top Sale
10th Oct	Scale Comp Thorney 12.00 noon
12th Nov	Annual General Meeting - 8.00 pm
10th Dec	Subscription Collection Meeting

## Editorial

### DIDN'T HE DO WELL? NO!

Right let's get this over with! This goes out to all those of you who weren't too lazy to cut out the special errata we printed in last month's CD and stick it in the back of their Pilots' Handbook. - SORRY!

In trying to be helpful I really cocked it up big time and managed to offend people who were and weren't instructor and examiners - most of the membership really. Fortunately Keith Wood came to my rescue and the actual list of CADMAC B Fliers, Instructors and Examiners is printed on page 19 from Keith's Data Base returns from the BMFA

We do have members like Mick Galvin who is an Area Chief Examiner - and Malcolm Farrington who is a Club Instructor, but these have been registered in another area and club respectively - So - my sincere apologies to all those offended.

### GOODWOOD 2009

As you've probably heard or guessed by now, Goodwood aren't planning on a Vintage Fly-In again this year.

However, the Breakfast Club are trying to incorporate themes to encourage aviation involvement as CADMAC and Breakfast Club Member **Dave Etherton** points out, here

....

### AVIATION AT GOODWOOD

Sadly there is no Fly-In scheduled for this year, but in order to attract the aviation side of things a series of themed fly-ins has been added to the very successful Breakfast Club gatherings. The Breakfast club is a se-

ries of car/motor cycle meets mostly held on the first Sunday of each month (with two exceptions) for 'Petrol Heads' and their cars. Each meeting has a theme and has proved very popular in attracting some very collectable and rare machinery for an early morning drive to the Goodwood Motor Circuit; bit like the bikers used to do at the Ace Café.

To these events have now been added for 2009 a themed Fly-In, of course still very dependant on the weather. If you are not in a rush to get down to Thorney on a particular Sunday it might be worth a look in; entry is FREE but the breakfast you will have to pay for. Meetings are held from 8.30 to midday Check-out the themes on:

[www.goodwood.com/breakfastclub](http://www.goodwood.com/breakfastclub)

Dave Etherton

### HERCULES MAIDEN FLIGHT

Later in CD you'll find a link to view Toni Reynard's maiden with his foamie Hercules. Do type it in and watch - fantastic. I thought Toni's model was really light without batteries - 'till he informed me it had the batteries in! Scale flying speed has to be seen to be believed.

He promises a write up for a late edition of CD.

Bring it on!





**Minutes of the Committee Meeting  
Tuesday 3rd February 2009  
From Toni Reynaud - Hon Sec.**



**Members Present** Toni Busuttill-Reynaud, Bryan Stichbury, Ray Beadle, Fred Minay, Bruce Smith, Ken Knox, Tony Chant, Morris Campbell, Derek Honeysett, Steve Skinner, Philip Roberts.

**The Meeting started at 20.00.**

Chairman's request for the meeting to be held in a formal manner.

**Apologies for absence.** Allen Miller, Keith Wood, Mike Pinn.

**Matters arising from previous minutes.**

Allen M had a complaint from a member about the indoor section of the minutes for the last committee meeting. The minutes were incorrect in that it stated that there was a helicopter in collision with another aircraft and the former then collided with the wall. In actual fact, there were two incidents involving helicopters. The first was a member flying his heli, which collided with the wing of a plane flying in his zone. The second was another member's model where he claims that someone yanked his arm as he was flying and this caused it to hit the wall. He also pointed out that his helicopter is 400 size and not 600 as the report implies. This entry corrects that information.

**Correspondence.** Toni B-R had a communication from the BMFA – Helicopter A and B test guidance for Examiners and Pilots. This was handed to Tony C.

**Treasurer and Membership Secretary's report.** A written report from Keith W - There are three applications for membership: Charles McShane, Bognor Regis PO21 4LW, I/f, elec, heli, rcp, beginner; Ian Spence, Bognor Regis PO21 1AE, Rcp, elec, Therm, heli, i/f, beginner; Mrs Jingwan Spence, Bognor Regis PO21 1AE, Rcp, elec, Therm, heli, i/f, beginner. All these have been to a Club meeting and are within the catchment area and qualify for membership. Approval to these members would take the current membership to 156. Of these, 38 members have not yet renewed. In a few cases, there are quite legitimate reasons (e.g. in USA for winter). Generally the renewal take up this year has been better. I expect that some will renew at the February Club meeting so I suggest that I prepare a list of outstanding names for Committee on 3 March when a decision can be made on what action to take.

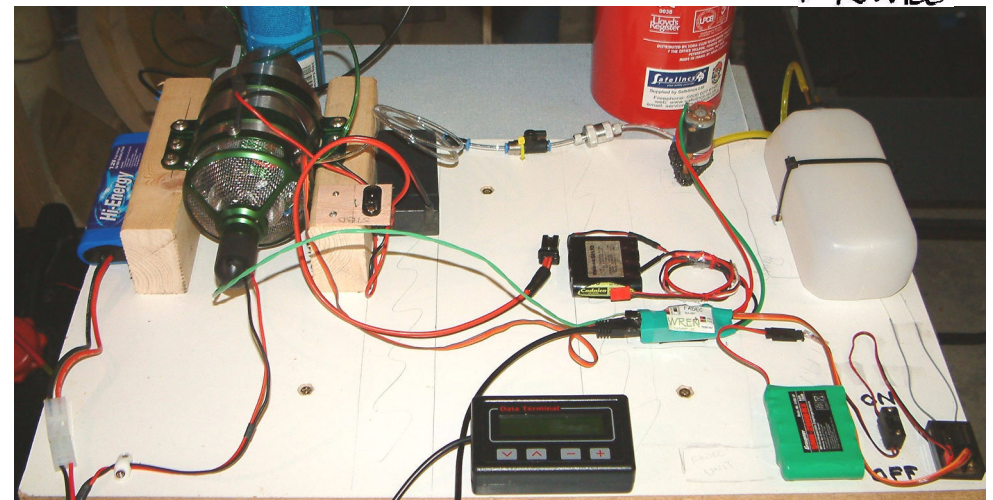
**BMFA representative's report.** Ken K reported that he attended the meeting at Middle Wallop; there were about 60 people there. There was a long address by Tony Butterworth about the SBMFA Website. It is getting many hits worldwide every day. The Area still has no secretary. Lasham airfield have offered to host a model flying event at some stage in the future. We might attend, but will not offer to help with the organisation. A suggestion was made that the SBMFA meetings be moved around the area – this was accepted as a good idea and may be implemented in the future. Yeovilton modelling event takes place on the 14<sup>th</sup> Feb – mostly plastic but possibly some flying items. Ken also suggested that small reports about any Club events be generated and sent for inclusion on the website.

# Tangmere Museum Open Day



On Sunday 15th March, Tangmere Military Aviation Museum will be holding an Open Day and with entry at just a quid it'll make an excellent and very cheap day out for the whole family. Trevor Bowry (pictured above) will be displaying his Wren 54 Gas Turbine engine which we'll run on a test stand both am and pm and we'll have his BAe Hawk and my Twilight Tear on static display. So, if you fancy finding out a bit more about jets come and have a gander.

*Toni*



# Aerobatic Schedule No.1

Anyone who's seen March's RCM&E will probably have noticed Graham Ashby's editorial column and the Aerobatic Schedule which he composed and included there. It was intended, originally, to be a bit of fun to help Graham and his mates tighten up their own flying at their club site.

Personally I think it's a great idea - I'm very much in favour of anything that helps to bring a little more discipline into our aerial cavorting - and there's nothing like attempting a tight schedule to make you realise that half the time your model's not really where you think it is in the sky.

Graham's Aerobatic Schedule No.1 is intended to be flown in a continuous manner moving from one manoeuvre to the next without putting in any intervening circuits or half circuits. If you imagine you're flying it you'll see that any one manoeuvre flows from the last and puts you, the pilot, at the right altitude to perform the next. This in itself is really good practice and teaches you how to position your model without having to put in another circuit. This skill of flying backwards and forwards along an imaginary line is what you'll see from most of the top display pilots.

Of course you don't have to link them all together to start with and you can simplify the schedule if, say, you haven't mastered the four point roll, yet. What you can do, for sure, is get a great deal of fun from trying something like this, so come on then, find a pen and the back of a fag packet...

- 1 **Take off, fly a left or right hand circuit and over-fly the strip.** *RMGE*
- 2 **Perform two, large diameter consecutive inside loops in front of the pilot and exit at entry height.**
- 3 **Fly a 45° up-line and execute a reversal.**
- 4 **Exit the reversal down-wind and execute a slow roll to the right using elevator when inverted.**
- 5 **Pull vertical and perform a stall turn to the left - fly a vertical down-line.**
- 6 **Exit down-line and roll to inverted.**
- 7 **Pull into a half outside loop (model will be heading into the wind.)**
- 8 **Perform one full outside loop (bunt) in front of the pilot.**
- 9 **Flick-roll on the top of the bunt and continue on a down-wind heading.**
- 10 **Half roll to the left followed by half inside loop.**
- 11 **Execute a four point roll. (To either left or right.)**
- 12 **Derry Turn and position for down-wind leg of Landing approach.**
- 13 **Land without damage.**

**Safety Officer's General report and site accident report** Morris requested that if any committee member witnesses any incident worthy of note that they inform him as Club Safety Officer as soon as possible. Other than that, the weather has not been conducive to flying recently, so there is nothing to report. The windsock is ready for installation at Thorney, but a stiffer pole is needed - this is in hand.

**Porthole Farm representative report.** Nothing to report. Basically the site is water-logged and unflyable.

**Thorney Island representative report.** Derek H reported that Ken K has obtained a box for the mower. The paving slabs were in process of being obtained, and it is intended that the box will be installed during the working party on 14<sup>th</sup> March. This is scheduled to start at 10.30, so will probably be finished by 12.30 when the Climb and Glide Competition is to take place. Derek also reported that he Tony C and Bruce had had a meeting with Paul Sheldrick (Senior Estates Surveyor, Defence Estates) on the Island during the month. They had demonstrated our flying area, pit areas and storage and parking facilities. Mr Sheldrick had been impressed by the way in which the Club organises our use of the site, and suggested that we continue in the same way in the future. Both sides felt that the meeting had been fruitful. Toni R is to ensure that a record of this meeting is kept - these minutes are that record. Morris C suggested that a formal letter be sent to Defence Estates thanking Mr Sheldrick for his time and presence at this meeting. Derek H and Tony C were both happy with the result of the meeting, and agreed that a formal acknowledgement would be sent. Derek H repeated his request for Committee members to keep an eye on the flying, as any breach of our limits could still easily lose us use of this excellent facility. Fred M asked if there was any mileage in producing a few extra signs to warn passers-by of model aircraft flying on the patch. Tony C has this in hand. Condition of the present signs is to be rechecked.

**Editor's progress on production of Clear Dope.** Bruce S reported that there had been one minor problem this month, but this had been overcome.

Ken K stated that Mick Galvin may not be an Area Chief Examiner for our area, as stated in this coming month's CD. His status is to be confirmed and any further necessary action taken.

*Latest information from Ken - Dave Burstow confirms that Mick is not a Southern Area ratified Area Examiner, however he may be in another area. Dave went on to say he would find out that if Mick held the post in another area if it was possible to hold the post in more than one area if the question was asked.*

**Publisher's progress on production of Clear Dope.** Bryan reported that he has received and paid for two yellow toner cartridges. All is in order. 170 copies of CD are to be printed this month. Tony C requested that a copy of all minutes be sent to our Life President, Sandy Woodward.

**Competitions Secretary's report.** Ray B reported that all this year's competitions are sorted and ready to go.

**Indoor Flying representative report** Allen M submitted a written report - The last meeting at Seaford was well attended in spite of the cold weather with 19 flying participants and 1 spectator. The takings were £96 for the day. The outside conditions were calm and a number of flyers opted to use the outside field adjoining the sports hall. With the agreement of the free flight rubber flyers a very limited number of vetted (invariably expensive) R/C microflight models have been allowed to fly in this slot. This is because these are not considered a threat to the rubber models and could easily become damaged if in collision with a larger fixed or rotary wing model.



A grievance has been expressed by one member who has concerns about the suggestion that helicopter pilots of larger machines be A-certificated to fly in the hall; since there is no similar requirement for fixed wing. After discussion it was agreed that the idea of indoor flying is to cater for the small models which are subject to atmospheric conditions, especially wind. i.e. lightweight models with lightweight radio commonly having limited range. The hall provides lighting, allowing the events to be staged in the evening, protection from the elements, and prevents fly-aways. Its whole ethos is not for the 'heavies', which can fly perfectly well outside. Also it was only a suggestion made in conversation and not a serious proposal.

**Trundle hill representative report.** Due to weather there has been no flying on the hill – nothing to report.

**Website Report.** Tony C reported that in his opinion the website was totally up to date. Morris C asked if pictures could be sent to the webmaster on CD for inclusion on the site – to be investigated. Tony R will try to email a couple of small pictures to Mike to check this route

**Junior Members' representative report.** Nothing to report this month.

**Social Secretary's report.** Toni B-R stated that this month's event is a visit and talk by Chris Foss. Still on as far as we know. The 2009 programme updated and sent out. The Frequency Allocation table redone and sent to Bruce for inclusion in CD. Looked over the website and everything appears to be up to date – agreed with Tony C John Riall is to be requested to do the Auction in March, and Mick Blundell is to be requested to provide the PA. Also Contact John Fowler and Sandra Dawson to request that they organise the event in the place of Keith Wood this time.

**Any other business** Bruce S gave a précis of the application of the BMFA Child Protection Policy (CPP) as outlined in the document received from Manny Williamson. He stressed that on a Criminal Records Bureau check, only records dealing with child problems are considered. After some discussion, Tony C requested that Bruce ensures that every committee member gets a copy of the CRB Application form with associated explanations, and that ALL Committee members read it before next month. Bruce stated that he is sending his documents away for CRB clearance, and also asking for status as a Designated person so that he can check documents locally. Details on this are available from Bruce.

Ken K is concerned about insurance – if a club member lets a third party who is not a BMFA member “have a go” with an aircraft, are they covered by the member's insurance? Consensus of opinion is No, therefore do not let other people casually have a go with your plane *unless* using a Buddy Box.

**Date of Next Meeting:** 3<sup>rd</sup> March 2009 at 20.00

*Toni*



The sites are Colley Hill, HMS Mercury and Harting Hill.  
Come and join us!  
It's good fun






# SLOPING AWAY - WITH TERRY BURLEY

25 modellers with up to 30 or more models plus at Butser hill. If you look at the photos you will see hang gliders. At one time there were 9 model gliders plus 7 hang gliders in the air at the same time. A sight to see!






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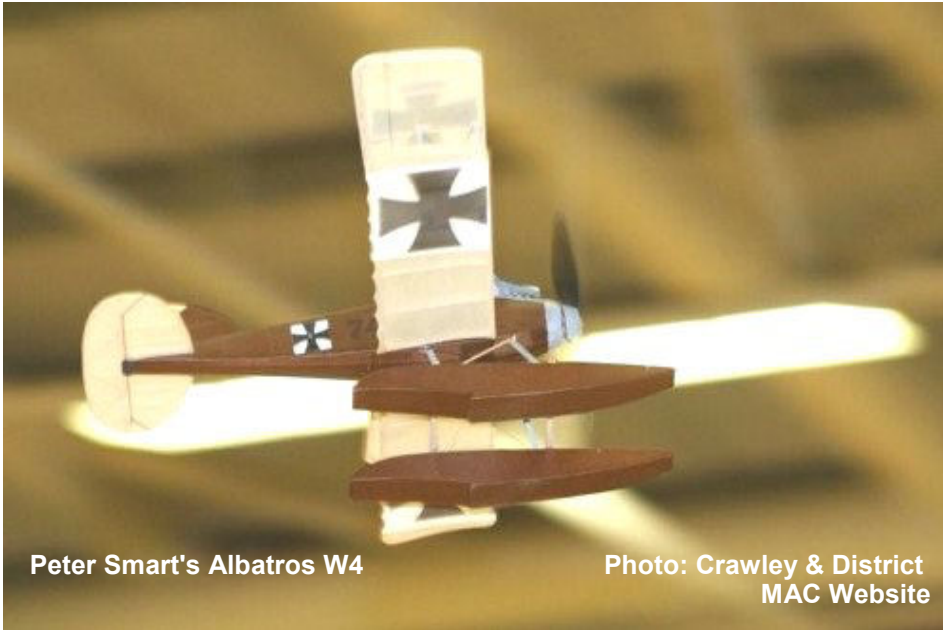
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# K2 SE BMFA Crawley Indoor Meeting 2009

from Bryan Stichbury



Peter Smart's Albatros W4

Photo: Crawley & District  
MAC Website

Once again the Crawley club provided an excellent day's flying. A relaxed, friendly atmosphere prevailed, and a well organised schedule ensured that there was something for everyone.

Chichester members Dave Etherton and Richard Etheridge were in evidence. Dave flew his Prairie Bird, now 14 years old. Richard Etheridge has converted a Hangar Rat to electric power and trimmed the combination to tow a Cadmac banner, and his flying was impressive.

Only problem is that if you enter Cadmac into your search engine, you end up with Coventry, Crawley and Chichester Model Aero Clubs on offer. Upon reflection this is no bad thing, as it offers a broad geographic spread for our sport.

Mike Blundell, Tony Penfold and Mike Hudlass were also in attendance, and I trust they enjoyed the occasion.

My day ended rather abruptly when my EZB climbed into the rafters and hung up on the retractable basketball nets. It was a case of going to the reception desk and asking "Please miss, can I have my plane back." Fortunately the staff were very helpful and assisted in the recovery.

## Hercules maiden flight



Photo: Andrew Gibbs

Watch Toni's maiden flight with the foam and brown paper Hercules on:  
<http://www.modelflying.co.uk/forums/postings.asp?th=24182&p=2#570472>

## The Way Things Are!



coach class

first class





**Open Thermal Glider, Saturdays 15th/22nd August & 5th September**

Aircraft wing span is unlimited.  
 Bungee launch.  
 Only one bungee is to be used.  
 10 min max, [1 min to get down losing all secs. over from score] Depends on weather.  
 3 rounds per day, discard worst round.  
 3 days, discard worst day  
 Winner is highest total of two out of three rounds.  
 The Andrews Cup will be awarded to pilot with the best total time for the three days.

**3 Manoeuvres/Spot Landing. Saturday 12th September**

Pilot will have a helper  
 Any aircraft to be used.  
 Model is placed in start box  
 Flight is timed from take off to landing.  
 Each round is:- Take off Do 3 loops, 3 rolls, 3 spins in any order then land in designated box .  
 Lose 10% if not touching down in box.  
 Winner is lowest time over two rounds.

**Scale Saturday 10th October**

Models will be a semi scale or scale aircraft..  
 Model will fly manoeuvres from the BMFA regulation schedule  
 Marking will be by two judges.  
 Winner to be max total for two rounds.  
 Please fill in entry forms before the day.  
 This greatly helps the marking.

RAY



John Hook with a new type Butterfly - on sale soon.

Photo: Crawley & District MAC Website



Ken Taylor receives his winner's certificate for the Butterfly Mass Launch from SEBMFA Chairman, Bob Cutter.

Photo: Crawley and District MAC Website

Full results are available on the Crawley web site, together with a short video of the days events.

[www.cadmac.org.uk](http://www.cadmac.org.uk)

# COMPETITIONS FOR 2009

From Ray Beadle  
Hon. Comp Secretary



## **I/C Duration. Saturday 14th March**

All pilots can have helpers or instructors.

Model will be any i/c engine plane or Club Trainer

Timed climb from ROG, time to be decided on the day, **shut off** engine

Timed glide to spot land in box.

10% extra for touch in box. Non A, B cert flyers will get an extra 20%

Winner is highest total of two rounds.

## **Bomb Drop. Saturday 11th April**

Each aircraft is to carry a water/sand filled balloon.

This bomb is to be dropped onto a marked spot from a set height to be declared on the day.

The distance from the spot is to be measured and recorded.

Winner is the minimum total distance for two rounds.

## **Scramble. i/c engine Saturday 23rd May**

ALL pilots will have a helper

Helper will place model in start box

Helper can retrieve the model

The clock will be started then the model will be started.

Normal safety checks must be carried out.

Take off, do 3 loops, land in a designated box, cut engine.

Model is to be retrieved back to pilot box.

Clock stopped.

The time will be void if the model is taxied into the box after landing.

Winner will be shortest time over two rounds.

Non A, B pilots will get a 20% bonus

## **Slope Saturday 13th June**

Comps will be decided on the day to suit the conditions.

Two rounds will be run.

## **Electric Comp Day - Saturday 11th July**

### **Scramble. Electric motor**

All pilots will have a helper

Helper will place model in start box

Helper can retrieve the model

The motor will be started and normal safety checks carried out. Motor Stopped.

The clock will be started then,

Place model on ground, start motor, take off, do 3 loops,

Land in a designated box, cut motor, be retrieved back to pilot box.

Clock stopped,

The time will be void if the model is taxied into box after landing

Winner will be shortest time over two rounds.

Non A, B pilots will get a 20% bonus

### **Take off/Landing.**

Plane will do five take offs and five landings in a marked box.

10 marks awarded for each one in box.

Non A, B cert flyers get the extra 20% for touch in box.

Winner is highest total of two rounds.

Or

Electric thrash 3 rolls 3 loops 3 spins can hand launch

Scale fly five options from list - competitors to vote best

Spins how many spins in 30 sec

Schedule do five options from list

Limbo under 6ft tape

Spot landing

Balloon hit

### **Electric Duration**

Max Time Limit

Total time in first round 20 min

No limit on cell size or model size.

Each pilot needs timer and we will run in groups to even conditions

Flight 1 4min Flight 2 5min Flight 3 6min

Motor may be run as long as you like in any flight

Timer to start clock on release of model. Model is to land on required flight time

Flights to be done in order. Extra time over the required flight time is lost.

For any equals in first round a

Second round total TIME 15 MIN

Flight 1, 4 min Flight 2, 5 min Flight 3, 6 min

Winner is the nearest to the total time required.