

The next Club event will be

The Summer Gala Afternoon

On

Sunday 17th July, 2016

At the Flackwell Field

From about 2.30pm until dusk (weather permitting)

(If weather is not good then Sunday 24th is the reserve date. Check e-mail.)

There will be a free BBQ during the afternoon run by Ken Beachus and providing burgers, hot dogs, steak rolls, BBQ chicken and other tasty morsels, with wine and soft drinks and Lorraine will provide some of her gorgeous cup-cakes.



The day will feature the return of the stand-off scale competition and details appear overleaf. You will do a fly past at scale(ish) speed and present the model for appreciation by other members. Scale documentation is not required but the model must be based on a real aircraft type and must look and perform right.



HWDMAC Summer Gala 2016

Breaking News - Update to Rules for the Scale Competition

As indicated in the June Newsletter the Scale Competition will be returning at this year's Summer Gala, and yes we have managed to secure the scale trophy from the previous winner. Mike where did you say you'd put it again.....?

However, following much heated debate at the last committee meeting we are going for a slightly different set of rules for the competition. Not wishing to overlap too much with the Club's Concours event the emphasis for the scale competition will be on *Realistic Scale Flight*, and not just good looks. Voting however, like the Concours event, will be open to everyone in attendance.

The basic format will consist of all planes entering the Scale Competition to be on display in a designated area of the pits to allow everyone to have a look at the competitors. Then the competing pilots will have a maximum 5 minute flying slot to perform and demonstrate *Realistic Scale Flying* befitting of their aircraft. You may even get some commentary as well, our gracious chairman has promised me a megaphone and I won't be afraid to use it! Oh the power...

Ideally the scale competition will start at approximately 3.30pm so if you are interested in taking part please arrive giving yourself plenty of time to get your plane ready in between eating burgers and hot-dogs from the BBQ.

Again this is meant to be fun so remember the focus is on flying, this is not the Concours so come along and have a go. As the emphasis is on Scale Flying it will be the pilot of the winning plane that will be awarded the trophy (Mike where did you say you put it?) not the builder of the winning plane, although most likely these will be one and the same.

Although Scale is the key term it doesn't rule out helicopters, or modern aircraft such as Jets or Aerobatic planes and of course covers scratch builds through to ARTF kits. If you do have any specific question please get in contact with me at mrp_guy@yahoo.co.uk

Associated with this Newsletter is an Entry Form for the Scale Competition. You do not have to complete it before the event and blank copies will be available on the day, but completing it before you arrive and letting me have it early would help me to prepare a suitable commentary.

As also indicated in the June Newsletter there will be other events going on during the day such as the Aircraft Taxi Race and RC Car Grand Prix around the strip, a Fly-By from the Club's Winter Build 'Construction Cartel' showing off their hard work and maybe some other 'Fun-Fly' competitions. There will also be plenty of time for general flying and if your plane is fitted with lights we could go all night!

Overall the main aim is just to have some fun!

Guy

Don't forget the September Photo and Video Competition. The Club Gala is an ideal opportunity to capture some entry material as you can get a lot closer to the action than at the commercial shows and there are a lot of top quality planes and things in the Club. Remember that it is no good having a perfect photo or video if the subject is only a speck in the centre of the frame. There is plenty of good editing software available for PCs and mobile phones, some of it even free, that will remove the surrounding space and enhance your effort.



**Chuckie Challenge - Club Meeting Sunday, August 21st from 16:00hrs at Towersey
(Note, there is no Monday meeting in August.)**

One of the greatest ever design challenges facing aeromodellers is the humble chuck glider. She needs to be strong and stable at high speed to withstand the launch yet light and stable to float back to mother earth at a minimum sink rate to extend the flight time. There is also the dilemma of how to trim a model to climb steeply at high speed without it looping back over and clattering the launcher on the back of the head, never mind trying to think through what on earth is happening with the aerodynamics as the model transitions from the launch speed to wafting speed. The good news is that the August club meeting has been set up purely to put all theories to the test and, given that a team of monkeys can eventually write Shakespeare, I reckon that **we, the proud and intellectual members of the High Wycombe and District Model Aircraft Club, can conquer the chuck glider!**



Construction rules are that **the model is to be made solely from a 1/8"x4"x18" balsa sheet (expected to be used for the wings, tailplane and fin) and a 1/4"x1/2"x18" balsa strip (expected to be used for the fuselage)** which will be supplied to each entrant on the day.

The entire model must be made on the day and solely from some or all of the supplied sheet and strip. Exactly how you use it is up to you, but that is all you get. The entrant chops up



and glues the wood back together and the shapes into which the lumber is chopped and glued back together is where the ingenuity lies. Lead flashing will be provided to assist in balancing the model, CA and kicker will be supplied to build and repair models as well as a token effort of modelling knives, abrasives and cutting mats - entrants are welcome (even encouraged) to bring and use their own tools. If you fancy making a practise model in the meantime then you will get change from £3 for enough wood to fashion two entire models at Slough's prices - who said aeromodelling is expensive??

The flying competition will be a series of head-to-head fly-offs. Depending on how many folk enter the competition there will be either a single league where all entrants fly against all other entrants or several leagues where entrants fly against every other entrant in their group.

Following the group/league stage the overall winner will be decided by a series of finals which, again depending how many entrants there are, will either be the top two going into a final or the top 4 or 8 going into semi or quarter finals. For the head-head fly-offs, the competitors will launch simultaneously when a whistle is blown (you'll be given a clue with a countdown from 3), any loitering after the whistle has blown will be penalised. In the group/league stages flying for 1 second or more than than your opponent will count as a win, if the gliders land within 1 second of each other then it will be considered a draw.

Materials etc. will be available and build can be started from 4:00pm, registration will close at 5:00pm (possibly a bit later but as it is dependent on the number of entrants I'll need a couple of minutes to organise the competition schedule) and competition flying will start at 6:00pm and should be all done and dusted by 7:30pm.

Useful Chuckie Challenge Links:-

Building:-<https://www.youtube.com/watch?v=Omi4qcwtAaA>

Flying (NOTE! Hand launch only - no catapults):-<https://www.youtube.com/watch?v=gtOy4JzG9uY>

If you need inspiration there are a lot of plans available on the Internet. A selection of various ages are listed here. (NOTE! in the competition the entire airframe is to be constructed from only a sheet of 1/8"x4"x18" balsa and a strip of 1/4"x1/2"x18" balsa):-
<http://www.outerzone.co.uk/search/results.asp?keyword=chuck+glider>

On a side note, these rocket launched free flight gliders look mental and the rubber powered "Spruce Goose" is sweet:- <http://flitetest.com/articles/rocket-glider-free-flight>

Brian

From the Chairman's Cockpit

Not much to say this month (a relief I am sure to some, especially the Ed'!), so will keep it short.



Firstly, I look forward to seeing a lot of you at the Summer Gala & BBQ this weekend, fingers crossed but the weather appears to be coming good just in time for the weekend.

At Flackwell, we now have two flight benches. Again, we are very grateful to Rich and shall reward him with free membership next year – perhaps also a candidate for Club Member of the Year! The modifications include a shelf and a transmitter hook.

Mike Winston and I visited the relations of Les Hickman, who was one of the original founders of the HWDMAC. There is a selection of building

materials, tools and models left in the garage that need to find homes or they will be disposed of. Small / reasonable contributions will go towards club funds and will be reserved for a worthy cause as a testament To Les's contribution to the club in the very early days. I managed to get a couple of photos that may remind you of Les and his enthusiasm for the club. Recognition of Les's 80th birthday at the time, suggests to me that he was a very popular character.



In a separate correspondence I will let you know what models, engines and tools are available to look through by prior arrangement.

The Flackwell field is looking good, i.e. mowed and the tall grass areas have been cut down.

The Chinnor / Towersey field, under the leadership of Brian and Gavin is due for significant change and I must say, the work being done here looks very good, is well planned and should enhance the flying experience at this field. I personally congratulate Brian and Gavin for the work they have done and the constructive conversations they are having with our landlord.

A real milestone to mention is that there are now 131 members in the club. I personally and jokingly said to Mike Winston that if he does the work to enlist 130 members before the end of the year, he would be entitled to a bonus. Well, this month, I had to eat my hat and put my hands in my own pocket!! Mike puts a lot of work into membership, sometimes it is largely unrecognised, but I have come to realise that as far as non-flying activities go, Mike's contribution to the running of the club is something that we should all appreciate as it takes up quite a lot of his spare time. If you didn't know already, any correspondence using the clubs website goes directly to Mike and he has to deal with it either by himself or by assigning it to another committee member.

So that's it; really looking forward to Ken and Lorraine's catering on Sunday (forget the flying!). No, really, please see Guys notes on the Scale Competition and as usual there will be some competitions if people are up for it and all sorts of other activities on the field – just have FUN!

Steve (Chairman)

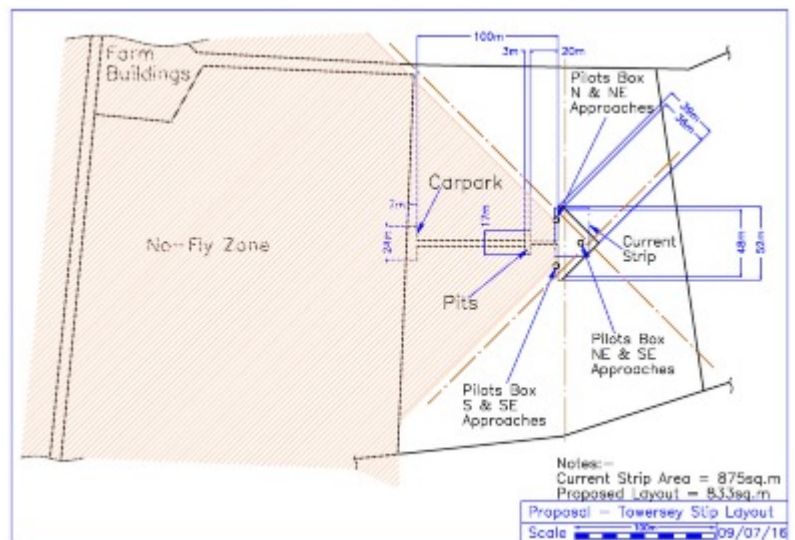
Towersey News

Regulars at the Towersey strip will be pleased to hear that the crop has been cut and will almost certainly have been harvested by the time you read this. However, if the crop is still on the ground then please follow the existing track but if the crop has been harvested then please avoid using existing tracks. Last year the farmer was concerned at the loss of yield he suffered as a result of us driving to and from the strip, to anyone who has been down to the strip and seen the cut crop it is obvious that the yield is considerably less where we drive, park and turn around so when the crop is growing it is important to use existing tracks, car park spaces and turn around areas.

The August club night, which will be more of a late afternoon than a night, has been moved to Towersey. The theme of the evening is the Chuckie Challenge (see the article in this newsletter) and Towersey is perfectly suited to this meeting. Normal club flying will unlikely be interrupted as the meeting involves building and flying chuck gliders.

Over the past couple of months Gavin and myself have been looking at making better use of the square footage of the strip. In it's present layout we have 3 approaches which do not include an approach for the prevailing South-Westerly wind direction which would put the pitting area directly under an active flying area. The current layout also has the sometimes uncomfortable situation of having to drive under the active flying area to the West of the strip. The farmer is happy to consider changes to the strip so, following a couple of afternoons studying the BMFA recommendations, measuring the field and scratching out heads we have drawn up a cunning plan.

The proposed layout is a triangle shape which gives us a main North-South strip that is 52m long and two other strips (South West - North East and North West - South East) that are both 39m Long. The landing strips on the current layout are 25m long on the East - West approach, 35m long on the North - South approach and 42m long on the North West - South East approach. The new layout loses the East - West strip which at 25m is shortest on the current layout but replacing that will be the 39m long South West - North East approach and as it is inline with the prevailing wind it gives us a much better chance of taking-off and landing with a head wind.



From a safety point of view, the proposed layout has the car park and the pitting areas well inside the no-fly zone. The track to the pits and car park only has a length of 30m that is under the active flying area and that section of the track (by the gate to the field) is 145m away from the strip.

The proposed layout has been approved by the committee and is (at the time of writing) with the farmer for his approval. If we get approval then it is anticipated that the new layout will be in use by the end of August. Gavin will endeavour to get it up and running as soon as possible but the concern is that the ground will be very rough where we will be cutting into areas which have not been previously mowed and they may need a few weeks to settle.

If you have any question or concerns about the proposed layout then please contact Gavin (gman20003@sky.com) or Brian (b.s.toolbox@btinternet.com)

Brian

(A larger downloadable version of the plan will be available on the web site very soon. Ed.)

Perfect Weather For the July Warbird Wednesday!!!

Yes, you read it correctly, for the first time this century the official Warbird Wednesday had light patchy cloud with a sweet little 3kt trickle of air straight down the strip and barely a hint of turbulence anywhere over field. Better than that, the weather brought out a whole host of fantastic aircraft including three WWII twin engine models and a stunning array of aircraft modelled on designs from 6 different countries. The evening started with a nice little show piece from Jon and his Stampe, fresh from flying several slots at the Wings & Wheels Model Spectacular the model looked even more majestic over the Flackwell fields. Daren maidenied his He111, she looks sweet with her cockpit and turret details, flies superbly and the sound of the two 4-strokes turned the rest of us (camouflage?) green with envy. Sporting a brutal looking B-25 Mitchell was Emil, with a little assistance from Jon the B-25 was dominating the sky in a truly menacing fashion and giving us another fine spectacle. Twin engine veteran Graham brought along his trusty Hornet, with a few tweaks the model looked for all the world like she was ripping the very fabric of time and space! At the more sedate end Guy brought along his re-engine and re-balanced Fokker D.VIII, moving the CG really made the difference in the fly-ability of the model and what a difference a couple of extra horses in the power plant make, for my money she's just right now with enough pull to fly comfortably yet slow enough to let us appreciate the very sweet



lozenge colour scheme. Add to the flight line an SE5a, a couple of Nieuport 17's, an MC202 and a P51D, the pits were also an awesome sight.

So roll on the good weather and if you want to get involved or find out more then drop Brian (b.s.toolbox@btinternet.com) or Jon (carosel43@hotmail.com) an email.



Committee Members for 2016

Office	Name	E-mail	Telephone
Chairman	Stephen Berry	Data removed for Web publishing	
Deputy Chairman	John Quelch		
Treasurer	John Compton		
Secretary	Brian Seymour		
Membership Secretary	Mike Winston		
Competition Rep	Guy Pickett-Jones		
Training Rep	Jonathan Harper		
Flackwell Rep	Ron Spencer		
Chinnor Rep	Gavin Compton		
BFMA & Safety Rep	Mitch Mabbutt		
Newsletter Editor	Malcolm Connell		
Web Site and Communications	Ian Scottow		

Meetings and Events in 2016

Date	Event
17 (or 24) July (Sunday)	Summer Gala at Flackwell
21 August (Sunday)	Chuckie Challenge at Towersey (Chinnor)
18 September (Sunday)	Club Fly-In - Other Clubs Invited
26 September	Photo and Video Competition
24 October	Talk - Speaker and subject to be advised
28 November	AGM and Subs payment