



The next club meeting will be

Sunday, 17th February, 2019

and will be the second

2019 Winter Build Evening

at the Studley Green Community Centre, Wycombe Road,

Studley Green, High Wycombe, HP14 3UJ

From 5.00 pm to 9.00 pm.

Subscriptions Are Due

Indeed, somewhat overdue by now...

The main subscription rates for the coming year are set out below:



	Club Subscription	BMFA Fee	Total
Senior	£55	£38	£93
Family Partner	£55	£25	£80
Junior	£16	£17	£33
Family Junior <i>Child of a senior member</i>	£16	£13	£29



Make cheques payable to HWDMAC and include a stamped addressed reply envelope for your membership cards, and a note of your current e-mail address if you have one.

Payment may also be made through BACS.

Send to: Mr M Winston, 22, Disraeli Crescent, High Wycombe, Bucks. HP13 5EJ

For more details see overleaf.

Club and BMFA Membership Fees

As a result of the loss of the Flackwell field and as agreed at the Club AGM last November you are being offered two membership options for the coming year. The options are to pay the agreed membership fee and have use of the Towersey field and join in with any organised Club activities, or not pay and suspend your Club membership.

Remember that if your BMFA subscription has not been paid by now then you are not insured to fly from Club fields. If, therefore, you have not yet paid your membership subscriptions then please send them directly to the Membership Rep, Mike Winston at the address given, as soon as possible so that he can to send the appropriate payment on to the BMFA. Note that since we are an Affiliated Club then you will be insured so long as Mike or our bank has received your subs.

If you choose not to pay the subscription then for one year you will remain on the email list and receive Newsletters, although they may not be as regular as in the past. If we find a replacement for the Flackwell field, or at any other time during the year, then you will have the option of reinstating your membership at this year's rate without paying the joining fee again. If you wish to remain a member of the BMFA that will have to be arranged separately and you can do it easily through their new on line system.

What happens to the membership fees in 2020 will depend on progress

If you do not wish to remain on the email list then you have the right to request that we forget you and your record will be removed in accordance with our published Privacy Policy and you will cease to be a Club member and lose the suspended membership rights.

Site Search Update

Thanks to all who have gone out looking for a new flying site, your efforts are drawing out a few potential sites. The sites looked at so far are a fair distance from the town centre but not too inconveniently so.

One problem is that the farming land in the High Wycombe area is owned by a few big organisations: Kensham Farms, West Wycombe Estates, Carrington Estates, Pitcher Property, and Hall Barn Estates. Of these big landowners only Kensham farms are so far prepared to consider letting us have a flying site, but they want a rent that would not be affordable without a significant rise in membership fees. There are a few independent farms in between but they are all keen on either shooting or equestrian activities and don't want these interfered with by model aircraft – not that it would be but that is the perception so they don't want to know.

Despite the generally negative feedback there are a few possible options:

- Radnage
 - This would make a nice flying site and offers some possibilities:
 - § Long & level runway
 - § Ample parking close to the pits
 - § Fantastic views across the valley and the possibility of looking down on the models belting through the valley
 - but it does have a couple of disadvantages:
 - § it is tucked away down single track roads
 - § there is only scope for one long runway. A cross-ways runway would be much shorter
- South East of Beaconsfield
 - This is quite small but it does have a few positives:

- § The ground is already maintained to a high standard so no mowing or maintenance would be required
- § Plenty of car parking is available close to the flying area
- § Ideal for helicopters and multi-rotor models.
- § Easy access from the M40
- § The whole site is maintained so you'll have to get it seriously wrong to run off the landing area!
- o On the down-side
 - § The proximity of buildings, the motorway, and a main road mean that a level of competence will be required to fly there safely – anticipate a strict requirement of BMFA A certificate or CPT for fliers.
 - § Only small fixed wing models could be flown there unless the pilot is very competent.
- East of Beaconsfield
 - o This is still a long shot at the moment and if we get it then it won't be until later in the year. It'll be worth waiting for as the expanse of land is huge and it is remote yet easy to get to so we could set up a fantastic flying site.

In addition, we have recently written to Wycombe District Council, but we haven't heard back yet so there is still hope.

The general view is that we should take what we can when we can as long there is enough enthusiasm that folk get involved with setting up and maintaining the sites. The Radnage site is a bit close to the Towersey site but it will have a couple advantages in bovine free flying all year round, and a nice long runway. The small site South East of Beaconsfield won't do much for fliers of large models, but it will offer a great site for those of us looking to get into multi-rotor flying and it won't take much effort to run. We must, however, keep looking out for other possible sites and develop the leads we have got as far as we can. Hopefully we can get somewhere set up as a flying site soon.

Brian

Talking of noise

This is my mate, Rupert White, just warming up his latest creation a Vasa carbon composite electric jet from Germany.

He has broken his own FPV world record several times over the last four years and with this new airframe, has just broken it again.

The current record is now 265 MPH

His complaint on this run was that the battery voltage wasn't holding up (you can hear the pitch of the prop dropping as the aircraft approaches – it should be rising).

You can just about hear one of his pit crew calling out the current readings (300 amps plus). The 6S Graphene battery packs really don't like this and were already showing signs of dying. The Power input was 6KW on this flight.

<https://www.youtube.com/watch?v=D4rCAS3Ant0>

He reckons that there is more in the airframe but needs a new motor as the bearings have had it on this one. Also better batteries (if such things exist).

The next project is the Vasa gas turbine. He already has the turbine and the airframe for this.

Mitch

Winter Build 2019

The first Winter Build get-together was well attended and very enjoyable. As predicted there were several Hornets from last year getting further attention together with some other models benefiting from the luxury of plenty of space. It was nice also that several members came along just for a wander round and a chat over coffee and biscuit. They were even pressed into service as an extra pair of hands while the glue was setting. One member wished that the glue had not set so quickly when he realised that he had assembled a wing upside down! For some reason I didn't get a photo of that.

We'll have another go next month.

The YouTube Bit

What Falls Faster: A Feather Or A Bowling Ball? Well we all know the answer is that it depends on the environment. In the open air the bowling ball will fall faster but if air resistance can be eliminated then you get a slightly different result as predicted by Newton or Galileo or someone. See it done on the Moon with a feather and hammer during the Apollo 15 visit or a more flashy version when Brian Cox visits the world's biggest vacuum chamber.

https://www.youtube.com/watch?v=5C5_dOEyAfk

<https://www.youtube.com/watch?v=E43-CfukEgs>

Committee Members for 2019

Office	Name
Chairman	Brian Seymour
Treasurer	Malcolm Connell
Secretary	Chris Pearson
Membership Secretary	Mike Winston
Newsletter Editor	Malcolm Connell
Web Site and Communications	Mitch Mabbutt
Chinnor Rep	Neil Rice

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My thanks to those members who have contributed to this and other Newsletters recently.
Have you got something that you could contribute?

Meetings and Events in 2019

Date	Day	Event	Location
20 January	Sunday	Winter Build 1 - 5.00pm to 9.00pm	Studley Grn Com Cent
17 February	Sunday	Winter Build 2 - 5.00pm to 9.00pm	Studley Grn Com Cent
10 March	Sunday	Winter Build 3 - 5.00pm to 9.00pm	Studley Grn Com Cent
? April		Possibly BMFA Test Day, possible Concours comp.	Towersey
24 April	Wednesday	Possibly Concours comp.	TBA
7 July	Sunday	Chuckie Challenge	Towersey
8 September	Sunday	General flying competition day; scale, fun fly, etc.	Towersey
27 November	Wednesday	AGM and Subs payment	TBA

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Deadline for January Newsletter - 16/1/2019 Email: newsletter@hwdmac.org.uk