

Inside This Month

- Winter Build 2018 - Live! Progress report
- New FPV speed record.

Also any other news as it comes.

The next club meeting will be:

**Bring
& Buy
Sale!**

Bring and Buy Event

in association with

The third meeting of the
Winter Build 2018 - Live! Group



and will be on

Sunday, 25th February, 2018

Starting at 6.00pm

*in the Studley Green Community Centre, Wycombe Road (A40),
Studley Green, HP14 3UJ*

Although the builders start about 5.00pm they need a bit of time to get set up and get something done before the event. However, if you want to come early some help with setting up would be welcomed.

There is plenty of parking space and lots of room in the centre. Coffee and tea will be available, possibly with biscuits.

A change of days

Due to operational changes at the Royal British Legion we are no longer able to use their facilities on Mondays so for the coming year meetings will generally be held on Thursdays.

The March meeting will be on Thursday 15th and will be a talk on a subject yet to be confirmed. Further details will be circulated as soon as possible.



Well, most members have paid their subscriptions for the coming year for which we are grateful. If by chance you have not been able to pay yours but still wish to do so then please contact us quickly. Strictly speaking if you have not paid by the end of January then the joining fee has to be paid. However, if there are extenuating circumstances then it may be possible to waive this rule.

While Mike is away the Newsletter Editor is acting as Membership Secretary so please send me your pleas and money. My address is on the back page of this document. Details of charges are shown in last month's Newsletter.

If you are definitely not renewing your membership then please send me your Flackwell gate key if you have one so that we can arrange to refund your deposit.

Malcolm

Winter Build 2018 - Live! The Progress ...

... or Not!

The members who agreed to join a mass build have got together twice so far and great fun has been had by all. The kits were distributed in January which gave the keen ones among us time to read the instructions, study the plan and inspect the parts before the first meeting. Although early pictures of a finished model sported the name Gangster it is actually a Hornet which is an established kit that has been around for a while.

However, it is not a kit for a novice to attempt on their own as there are several choices to be made and a number of extra parts needed along with a certain amount of interpretation of the plan and instructions. We were therefore fortunate and very grateful to have on hand the likes of Graham, Guy and Brian who are very experienced builders prepared to pass on their knowledge. Some of us of course are already



OK, now what?

experienced and were quickly digging into the kit and spreading glue around.

An obvious place to start is the fuselage which is a nice simple box and here I was introduced to the ease of use of modern adhesives. It is about 40 years since I did any real building and spray on contact adhesive and cyanoacrylate (CA) were not options back then; well not in my income bracket. Most of us soon had the basic box assembled and were attempting to fit the nicely preformed turtle deck. This is when you appreciate a group build as having several extra hands available made the job a lot easier. A large box of pins and rubber bands helped as well!



Since the deck has a foam core we were warned not to let CA near it or the foam would dissolve. So epoxy or white glue and a long wait it is.





Of course all this activity could not take place without suitable refreshment and fortunately the Centre has a very nice kitchen where tea and coffee could be made. Naturally we took advantage of this while we worked; some didn't bother with the work.



While waiting for the fuselage we could make a start on the wings. High speed epoxy soon fixed the wing tips and white glue fixed the leading and trailing edges. Unfortunately these parts were somewhat oversize and once the glue had set needed a lot of planing and sanding to produce nice smooth contours. The next step was to glue the undercarriage bearers in place. This necessitated a fair bit of carving as the provided holes had rounded ends that needed to be squared off. There was also some excavation needed in the foam to fit the extra torque blocks. The holes were also not deep enough so the bearers ended a little proud of the wing skin. After a lot of sanding mine were nearly flush, but ply is tough for hand sanding so I decided they were going to remain a little proud. At last it became time to glue the wing halves together; another job needing several



hands. I'm sure that there should be some reinforcement needed but apparently not as the finished strength comes from glass and resin banding. But that is some way in the future so BE CAREFUL or it may break.

More decisions. How many aileron servos are we going to fit? I only provided one so that was easy and of course it does not fit in the hole provided - more carving! Getting these servos in place was about as far as

most of us got after the second evening but we were able to see where we were heading from Brian's demonstration model. I'm going to be a long time before I get that far.

The Concourse Event takes place in April and hopefully many of the models taking shape will be on display.



Rupert sets a new FPV speed world record... Again!

Last year I reported that Rupert White broke his own world speed record for the fastest FPV flight several times. Not happy with that, he told us that he was building something even faster.

Then in September 2017 he was contacted by Ready Made RC in the USA who sent him one of their new Strix Goblin kits to see how fast he could make it go.

First of all, he had to make room for his motor of choice so he attacked the fuselage with a hole cutter! Then he designed a 3D Printed motor mount for it.



Monday 22 Jan 2018 - Rupert reports:-Maiden flight: 358 KPH

Second flight: 384KPH but I broke the prop on landing.

I was not giving up that easily...I found a dirty Graupner 6.6 x 6.5 buried in the spare room on an old funjet. Cleaned and balanced it ..'gave it a fettle' as it were, and also remembered that I have a brand new 3,000mah Graphene 6s.. factory fresh, so warmed it up on the radiator and headed out..

Third flight: It was worth the effort as it turns out: **413 kmh....** The noise was absolute bliss, it was SO loud, really the best part for me! Sounds like hell is coming to meet you! Fresh Graphene for the win!! **New world record :-)**

Plenty more to come.



(Contd.)

So, to put this in perspective. The fastest Strix Goblin so far was clocked at 153 MPH. Rupert has already pushed his to 258MPH
 Well done buddy - another one in the bag.
 The record is not monitored by the Guinness book of records. It's just a league table shared by the FPV community.
 Certification is done by screenshots from your OSD showing your GPS speed. (Therefore, you can't cheat by having an uncalibrated airspeed sensor).
 Mitch Mabbutt.



Committee Members for 2018

Office	Name
Chairman	Stephen Berry
Deputy Chairman	Daren Brand
Treasurer	Malcolm Connell
Secretary	Guy Pickett
Membership Secretary	Mike Winston
Competition Rep	
Training Rep	Jonathan Harper
Flackwell Rep	Ron Spencer
Chinnor Rep	Brian Seymour
BFMA & Safety Rep	Mitch Mabbutt
Newsletter Editor	Malcolm Connell
Web Site and Communications	Ian Scottow

Data removed for Web publishing

The post of Competition or Event Rep was not filled at the AGM. Why don't you volunteer?

Please note that events at the Royal British Legion previously listed for a Monday have been moved to generally the following Thursdays. This is due to the RBL no longer being available on Monday evenings.

Meetings and Events in 2018

Date	Day	Event	Location
4 & 18 Feb	Sunday	Winter Build	Studley Grn Comm Cent
25 February	Sunday	Winter Build + Bring & Buy	Studley Grn Comm Cent
15 March	Thursday	Talk - Speaker and subject to be advised	RBL
25 March	Sunday	Spring Fly-In (<i>Reserve date 8 April if necessary</i>)	Flackwell
26 April	Thursday	Concours Competition and Display	RBL
20 May	Sunday	Scale & Aerobatic Contest (<i>Reserve date 3 June + Gala</i>)	Flackwell
3 June	Sunday	Summer Gala Day (<i>Reserve date 17 June</i>)	Flackwell
25 June	Monday	Club Evening at Flackwell Field	Flackwell
22 July	Sunday	Chuckie Challenge (<i>Reserve date 29 July</i>)	Towersey
19 August	Sunday	Summer Fly-In	Flackwell
27 September	Thursday	Multi-Media Masters Photo Competition	RBL
25 October	Thursday	Talk - Speaker and subject to be advised	RBL
29 November	Thursday	AGM and Subs payment	RBL
2 December	Sunday	Hamper Competition (<i>Reserve date 9 December</i>)	Flackwell