

**Impington  
Model Aeroplane Club**  
Founded in 1946 by Ray Malmström

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Website <https://ivcmac.bmfa.uk>

## Winter builds

David Stopher has been busy in his shed and writes...



This is my Fokker DR3 Dreidekker from the dancing wings kit bought at the Old Warden display in September - it may even fly one day.



And this is the FlightTest designed Verso wing built from free downloaded plans and A1 5mm foamboard (cheap from Hobbycraft) – negligible materials cost and almost everything else from the spares box.

All you need is a decent glue gun. The base construction is a bit primitive and I have made several improvements(?) along the way. Can't be bad, especially if it actually flies

Let the editor have pictures of your creations!!

## Public Open Day

The committee have decided to cancel the proposed FF Public Open Days this year. The decision was for the following reasons –

We agreed that there is no need to go to all the effort to publicise the club or raise funds as in the past.

We are all getting plenty of indoor flying with the new Saturday regime and we can always invite guests to any of the Saturday sessions and they can pay £5 per time.

Some members also feel that we seem to be getting 20+ people to the Saturdays and that this is a good number for the size of the hall and gives plenty of time for flying and chatting. Significantly more would become a crowd!

Finally, it is quite an effort to set up the facility and manage the event and this tends to fall on the same "old" shoulders!!

## BMFA World Record attempt

The event is on **Sunday 14th May** this year and is a repeat of last years effort where BMFA clubs had a total of 3,109 aircraft in the air at 12 noon and did achieve a world record with 263 clubs taking part. We contributed 34 models airborne.

We have booked the sports hall for 2 hours from 11am to 1pm and will have mixed FF and lightweight RC for 2 hours with a break for the actual attempt at noon. What could possibly go wrong?

Please get the date in your diary – see the [video from last years attempt here](#)

## Birthday Bash & challenge

This will be held on **Sunday 9<sup>th</sup> July** from 9am to 5pm on the Impington field. This is a free event for all members to fly FF, RC and CL models and enjoy a BBQ at lunchtime.

We will also be taking part in a new BMFA challenge **"Around the World in 8 hours"**. This is a new initiative for clubs to contribute as many km as they can in 8 hours.

This could be FF – estimates of length of flight, CL – number of laps of a known circumference or RC – laps of pylons 100m apart. The total of all the clubs should exceed the Earth's circumference.

Final details still being worked out by the BMFA but it sounds like fun!!

## Round the Pole – 18<sup>th</sup> March

We will be having a Round the Pole display from 1pm to 5pm on 18<sup>th</sup> March in the Gym to coincide with our regular session in the Sports Hall that day.

If you haven't seen this before, come along as we have the old crowd coming to fly RTP from as far away as Wales and Surrey.

## Fools in the fog?

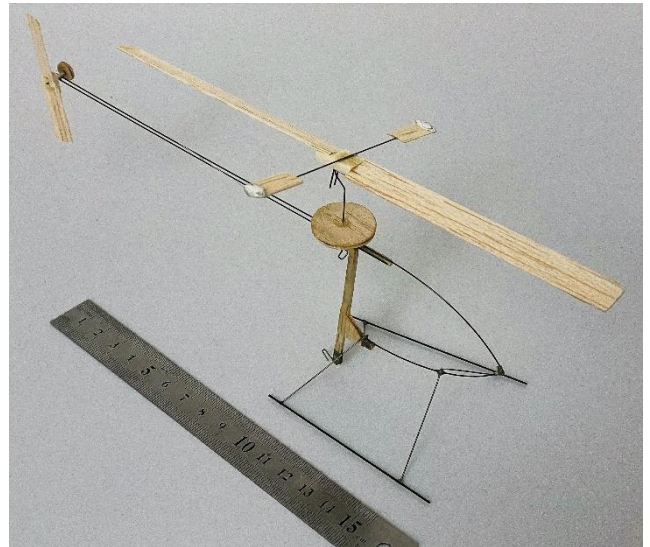
Malcolm and Alan stand outside in the fog in January. When we left home it was sunny – honest guv!!



However it did start to clear eventually and Malcolm was the first to bravely take to the air – see the video here [Gripen in the mist - YouTube](#)

## Rubber powered Helicopter

This is newly rejoined member Gregs amazing Free Flight helicopter. It flew really well on a recent Saturday. The tail rotor is driven by a pulley from the main rotor!!



It's a rubber powered helicopter that is based on the Penni Helicopter design by John Burkham. It incorporates some carbon fibre elements and has a total rotor span of 20cm - which is about half the size of the original Penni design.

## In their Youth.....

Can you identify the serious cyclist at the rear in this picture dated from 1981? Hint – he's a FF modeller who can build more than one new plane in a week!!



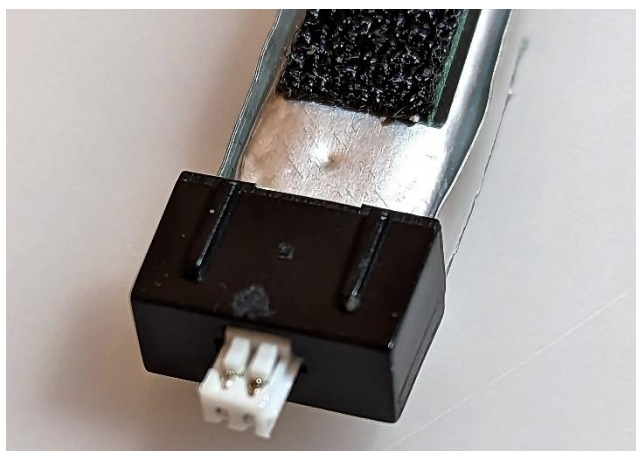


He was taking part in the Coalville Wheelers 2 up "Grand Prix du Gentleman" event where a senior rider has a paceman over 25 miles which he completed in 59 mins and 41 sec coming home in 2<sup>nd</sup> place.

Did you recognise the face – it was Clive Anderson.

## Indoor battery conversion

The standard 1S Lipo batteries for small indoor planes usually have MX connectors which have very small pins at 1.25mm spacing with very little surface area for the connections.

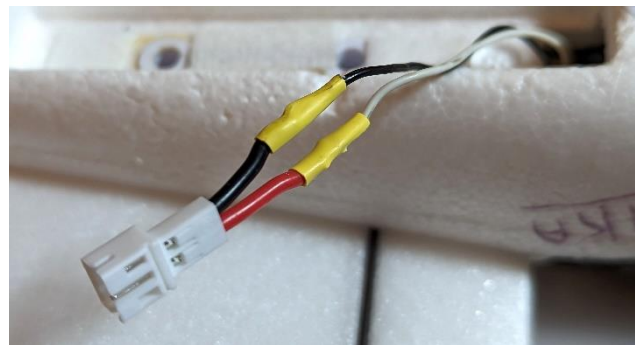


Often these are not able to deliver the full power output unless they are plugged in exactly right.

A better option is the JST PH2.0 version (also known as MCPX).



This has much bigger pins at 2mm spacing, plugs in with a more resounding "click" and seems to work much better. These batteries are also quite readily available and cheaper than the MX type, and although usually a bit bigger, the actual extra weight is really quite minimal.



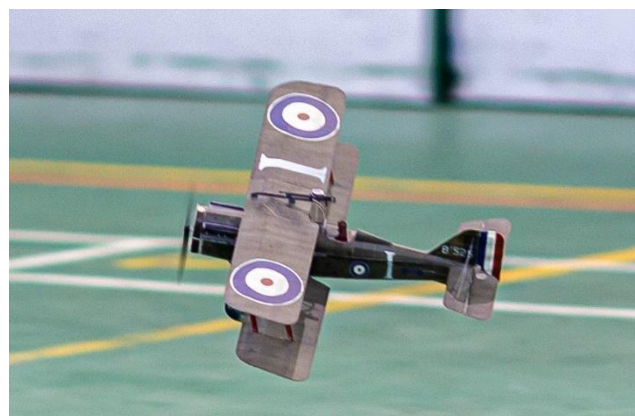
It is then a very simple task to solder a new connector onto your indoor models.

## Indoor RC sessions

These have been very popular (as have the FF sessions) so thanks to photographer Malcolm Bates for these pictures.



Jon, Alan and Johns Cliks avoid a clash, although it wasn't long till the inevitable occurred!!



Paul Burlings SE5a purrs along





Alans PT-17 Stearman



Chris Godfreys Fokker Triplane



Several Vapors were on show. This is such a great model for learning about indoor flying.

## Clives FF Pitts Special



Spotted some time ago, it's a beauty!!

## Pauls Pinkus



This is Treasurer Paul Burlings new model. The kit is by Minimum RC and it's loosely based on the Zlin Akrobat.

It has a wingspan of 320mm and the flying weight is 32g. Made of KT Foam it has a 1020 brushed motor, 1.7g servos x 3 and is powered by a 3.7v 260mah Lipo Battery.

Paul was bravely trying to tame it at last Saturdays indoor session!! Good luck Paul.

## Another Livesey



This is Mick Flacks excellent creation of Rays lost plan. It was a tricky so and so to get flying properly!! It even looks small for Peanut scale.

The plans are on the website, so why not have a go?

## From the Archives..... Hungry Heifers

The following article appeared in the Aeromodeller July 1956 edition and was about an old friend of the club and previous member Dusty Miller. Dusty came along to a recent Saturday indoor session which reminded Bryan Gostlow about this tale and he dug it out!!

### **Hungry Heifers**

The whole of Cambridge felt sorry for David "Dusty" Miller, Chairman of Cambridge M.A.C., when his brand new high-climbing power job landed among a crowd of hungry heifers.

The trouble started when "Dusty's" model went out of sight after three minutes on its third flight in the d/c Hamley Trophy, which also coincided with Club's annual power event. His A.M. 2.5 powered red and white pylon model disappeared into the blue above Oakington Airfield and "Dusty" heard no more until next morning, when he received a phone call from an amused farmer.

"Your model landed among my heifers who decided to eat it", said the farmer. "What happens if they are ill?"

"Dusty" collected what was left of his model - the engine, two bearers and part of the pylon with address label!

The *Cambridge Daily News* ran the story with headline, "heifer so sad tale" together with picture of "Dusty's" model before its last flight.

The farmer later commented, "my stockman was more than a little surprised when he saw the herd crowding round what was left of the model. Anyway cows are daft enough to eat anything. Mine have not started flying yet and they have not asked to join the A.T.C.

Happy ending: "Dusty" won the Club's power trophy with a three flight total of just over 8 mins.