

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

edited by Alan Paul
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Website <https://ivcmac.bmfa.uk>

May 2022

Microaces SE5a motor mod



This is Paul Burlings excellent Microaces SE5a seen flying at the indoor Saturday RC sessions this winter.

These models are not for the faint hearted as they are tricky builds but look fantastic. Paul had this flying rather well. The rigging is all structural and Paul said that it was affected by temperature changes – probably much like the real thing!!



An interesting modification is the Tri Motor set up. This has 3 brushed motors driving the prop via a clever gearbox assembly.

It certainly delivers the power needed to get this rather “draggy” model airborne.

Profile Cub



One happy builder. Rogers profile cub flew extremely well. The model is from Model Builder, September 1985 designed by Randy Randolph. Let Roger know if you would like a copy. He says that his version is over engineered and heavy, so there is plenty of scope to build lighter and fly longer.

BMFA World Record attempt

As you know, this will be held in the Sports Hall on **Sunday 15th May**. Check the website for details and then bring a model along to our free 2 hour session from 11am.

There will be 2 hours of free flying for both light RC and FF with a 10 minute break around noon for the record attempt.

There is no need for you to do anything other than come along on the day and have a model in the air at 12.00 noon exactly. There will be a countdown to help!! You can fly 2 models!!

You will just need to write your name and the name of the model on a list on the day and this will be uploaded to the official world record website afterwards.

Chris Constant has volunteered to be our video cameraman on the day and his friend Yuliya will be taking still photographs.

Pole to the rescue again



Bruce wields his pole with expert skill to rescue a fragile Penny Plane from the Sports Hall roof. He also climbs the bars in the gym!!

Caption Competition



Malcolm flies FPV with his Easy Star whilst 2 incompetent observers called Alan look on.

Public Open Day

This was held on Sunday 3rd April and our own Stuart Marsden has been asked by Andrew Boddington to write up the event for an article in Aeromodeller, so look out for that in a future edition.

Michael Marshall reports on the event –

We were able to organise a Fly Day, the first since the outbreak of the Covid Pandemic, at IVC on 3rd April. The club chairman and president were in attendance together with almost all the FF members of the club. At least forty model flyers, accompanied by their wives and partners were also there and the first couple to arrive had travelled from Brighton. In fact many people had come long distances, despite rising fuel prices, to take part in the four competitions arranged for the day. These were for Bostonian, Peanut scale, the famous Ray Malmstrom car race and a mass launch. Of course you didn't have to participate in the competitions as there was also plenty of fun flying with many modellers flying strange or unfamiliar designs.

It was perhaps an opportunity to renew acquaintances with people we had not met for some time. Tony Harper arranged the administration, overseeing the raffle and distribution of score sheets for Bostonian and Peanut competitions. Gordon Hannah had the task of the assessing and scoring the models for authenticity and compliance with the Impington rules.

There were only three competitors in the car race, plans for next year available from John Valiant if required. The meeting closed with the familiar mass launch where the winner was not the model longest in the air but the one to land nearest to a spot marked on the floor only after the launch!

The meeting closed with a prize giving - first, second and third places for each contest. Prizes were the usual chocolates or wine but supplemented this year with magnificent trophies supplied by the BMFA in this its centenary year. Thanks go to all who contributed to the success of the meeting, especially those who were able to arrange the chairs and necessary tables.

See the end of the newsletter for some photos taken by Stuart Marsden at the event and a full YouTube slide show of his photos [here](#).

Bostonian

Total of best 3 flights; any number of flights could be flown

- | | | |
|---------------------|-----|------|
| 1. Roy Silverwood | 211 | secs |
| 2. Richard Crossley | 172 | |
| 3. Bruce Lindsay | 171 | |
| 4. Paul Hoey | 94 | |
| 5. Gerald Cooper | 63 | |

Peanut

This was flown to the "Impington rules" with points for scale fidelity and an extra bonus for models that were not easy flyers!!

1. Paul Hoey	172	Stella Fossi PR2
2. Peter Smart	162	FW 190 Dora
3. Dave Banks	132	Bristol Scout
4. Andy Blackburn	131	Wittman Tailwind
5. Joe Harper	103	Pietenpol
6. John Wynn	86	Stinson

Car Race

1. John Court	4 laps
2. Dave Banks	1/2 lap
3. Chris Strachan	retired

Mass launch

1. Richard Crossley
2. Garry Flack
3. John Whattmore

On a wing and a prayer

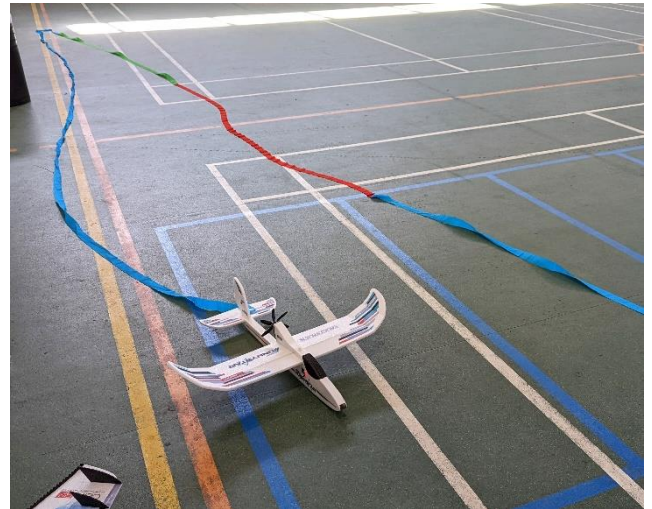


Well, more of a prayer than a wing really as Tony poses with his shredded Vapor. Probably the most amazing thing was that after the incident it kept on flying, but as you might expect it turned right better than it turned left!!

Club Birthday Bash

We will be having our all day Birthday Bash fly in on the field at Impington on Saturday June 11th. There will be a free BBQ at lunchtime, so put the date in your diary – full details on the website.

Funnystar streamers



Ready for take off in the Sports Hall is Alans new Funystar. A smaller version of the Easy Star I thought it would go well on calm evenings at Impington, but it also flies well inside even with a 50ft streamer – see the video here [\(1\) More streaming - YouTube](#)

Church videos

The club was approached by the 2 C of E churches in Histon and Impington to see if we could take some airborne videos for them



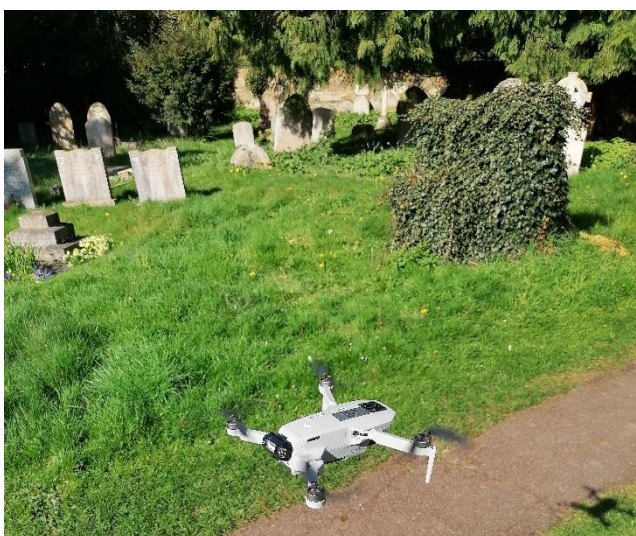
Malcolm Bates volunteered and along with a spotter in full H&S Hi-Viz gear (Alan) we met up with Rachel Carr at the Impington Church for the first sortie and then moved on to the Histon church. Video [here](#)

We later did the Histon Baptist Church where club member Peter Jude is a prominent helper. Video [here](#)



Malcolm selected his DJI Mini 2 for the job. This is an amazing bit of kit and is very small so doesn't cause undue alarm amongst the public.

Malcolm used 2 of the semi automatic video programs – one which pulls up and away from the start point called a "Dronie" (Drone Selfie) and another which circles a preselected object. The pilot has to select the start point and height taking into account obstacles etc. At Impington it was pretty easy, but at Histon there were several very tall trees so a bit of preparation was needed including dummy runs that we had to abort as the drone was about to fly into the trees.



The Mavic Mini 2 casts its shadow in the graveyard – possibly the first time a drone has been flown here!!

What is really incredible is that the drone is so small and relatively cheap at under £500 yet is packed with features and takes a stabilised HD video that looks fantastic.

You might like to think of this type of drone as an automatic and very tall tripod that is packed with clever features rather than a racing quad style of drone which is a different beast entirely.

Caption Competition



Just how many antennae does a lady need? Kara spotted with DJI goggles and an analogue adaptor with patch antennas

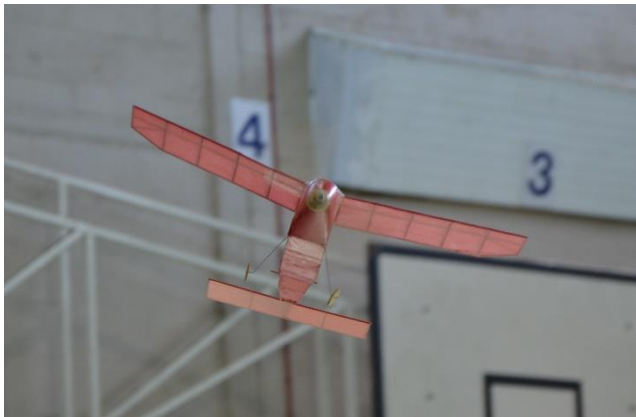
Stuarts Puffin for Ukraine



A simple message of peace to our friends in Ukraine. Stuarts Puffin with PMFC FET for power control with 150mah lipo. Finished in deluxe Materials with EZE dope, shrinking 95/5% 3 more coats 70/30%. Articles to come in Aeromodeller on FET and Supercapacitor power trains

Photos from the Open Day

Overleaf is a selection of Stuarts photos, some of which will be in his Aeromodeller article.



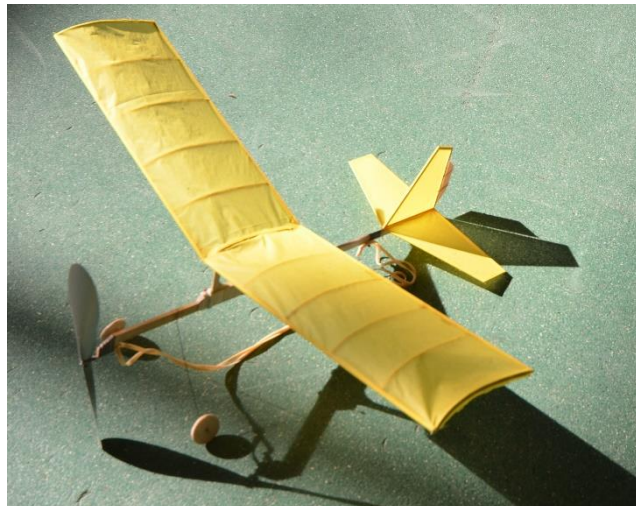
Bruces Bostonian



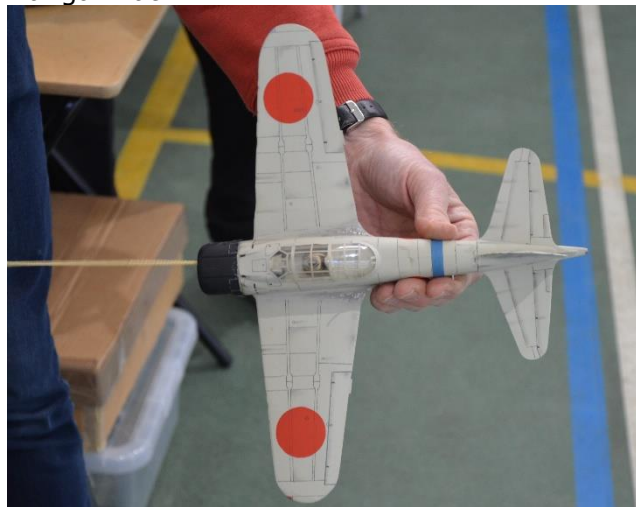
Chris Strachan with a Doug McHard Presto?



Bostonian by Roy Selwood also pictured on the right



Hangar Rat



John Valiants Zero



Peter Smarts Flitzer





John Valiants ME109



It's only an Ilyushin



Gordon Hannahs Goupy



Gary Flacks Pistachio Westland Wyvern



Michael Williams with a Ray Malmstrom Canard design



Martin M-130 flying boat



Peter Smart with BE2c



Car race



Raffle prizes



Roger Turner with his Hangar Rat



John Valiants Schoenfeldt Rider Firecracker

Summer calendar – check the website for updates!!

APR 29 Fri	Outdoor Model Flying @ IVC Sports Field Apr 29 @ 7:00 pm – 9:30 pm
MAY 6 Fri	Outdoor Model Flying @ IVC Sports Field May 6 @ 7:00 pm – 9:30 pm
MAY 7 Sat	Old Warden Model Day @ Old Warden May 7 all-day
MAY 8 Sun	Old Warden Model Day @ Old Warden May 8 all-day
MAY 13 Fri	2nd Cottenham Cubs group visit @ IVC Sports Field May 13 @ 7:00 pm – 8:00 pm
	Outdoor Model Flying @ IVC Sports Field May 13 @ 7:00 pm – 9:30 pm
MAY 15 Sun	BMFA World Record attempt @ IVC Main Sports Hall May 15 @ 11:00 am – 1:00 pm
MAY 20 Fri	Outdoor Model Flying @ IVC Sports Field May 20 @ 7:00 pm – 9:30 pm
MAY 27 Fri	Outdoor Model Flying @ IVC Sports Field May 27 @ 7:00 pm – 9:30 pm
JUN 3 Fri	Outdoor Model Flying @ IVC Sports Field Jun 3 @ 7:00 pm – 9:30 pm
JUN 5 Sun	Ray Malmstrom Cup for F2B CL Aerobatics @ Girton Jun 5 all-day
JUN 10 Fri	Outdoor Model Flying @ IVC Sports Field Jun 10 @ 7:00 pm – 9:30 pm
JUN 11 Sat	Annual Birthday Bash @ IVC Sports Field Jun 11 @ 9:00 am – 5:00 pm
JUN 17 Fri	Outdoor Model Flying @ IVC Sports Field Jun 17 @ 7:00 pm – 9:30 pm
JUN 24 Fri	Outdoor Model Flying @ IVC Sports Field Jun 24 @ 7:00 pm – 9:30 pm
JUL 1 Fri	Outdoor Model Flying @ IVC Sports Field Jul 1 @ 7:00 pm – 9:30 pm
JUL 8 Fri	Outdoor Model Flying @ IVC Sports Field Jul 8 @ 7:00 pm – 9:30 pm

JUL 9 Sat	Girton fete @ Girton Jul 9 @ 10:00 am – 5:00 pm
JUL 15 Fri	Outdoor Model Flying @ IVC Sports Field Jul 15 @ 7:00 pm – 9:30 pm
JUL 22 Fri	Outdoor Model Flying @ IVC Sports Field Jul 22 @ 7:00 pm – 9:30 pm
JUL 29 Fri	Outdoor Model Flying @ IVC Sports Field Jul 29 @ 7:00 pm – 9:30 pm
AUG 5 Fri	Outdoor Model Flying @ IVC Sports Field Aug 5 @ 7:00 pm – 9:30 pm
AUG 12 Fri	Outdoor Model Flying @ IVC Sports Field Aug 12 @ 7:00 pm – 9:30 pm
AUG 19 Fri	Outdoor Model Flying @ IVC Sports Field Aug 19 @ 7:00 pm – 9:30 pm
AUG 26 Fri	Outdoor Model Flying @ IVC Sports Field Aug 26 @ 7:00 pm – 9:30 pm
SEP 2 Fri	Outdoor Model Flying @ IVC Sports Field Sep 2 @ 7:00 pm – 9:30 pm
SEP 3 Sat	Peterborough Flying Aces Nationals Sep 3 @ 10:00 am – 4:15 pm
SEP 9 Fri	Outdoor Model Flying @ IVC Sports Field Sep 9 @ 7:00 pm – 9:30 pm
SEP 17 Sat	Old Warden Model Day @ Old Warden Sep 17 all-day
SEP 18 Sun	Old Warden Model Day @ Old Warden Sep 18 all-day