

Impington Model Aeroplane Club
 Founded in 1946 by Ray Malmström

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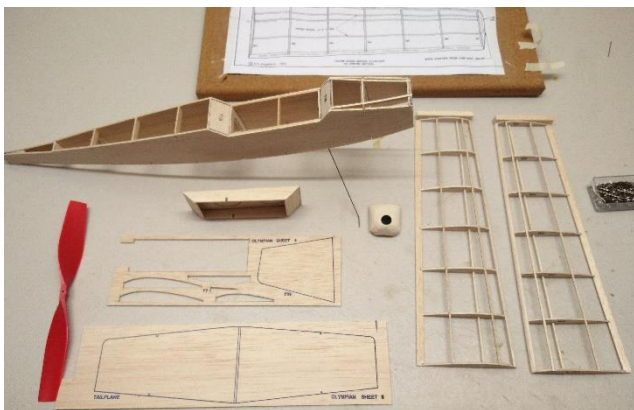
Website <https://ivcmac.bmfa.uk>

Technical drawing showing parts of an aeroplane model with labels: SHEET COVERING TO CHOSE, USE OF BALSA, SCRAP SHEET FULL IN, CEMENT LIBERALLY, 3" D STRINGER, 12, 13, 14, 15, 16, 17, 16A, TAILPLANE, TIP FINS GIVE TO END SIDE OF TAILPLANE, SHARPER MATCHSTICK PRESS IN & GLUE, W.C.P.P., SOFT WIRE SAID PRESS IN & GLUE WELL, THE C.G., LEAVE UNCOVERED. ADJUST TUNER WITH LONG NOSED PLIERS. INSTEAD OF USING A TUNER YOU MAY GRADUATE THE FUEL TANK. A FULL TANK RUNS THE MOTOR FOR APPROX. 12 MINUTES.



Another impressive lockdown line up from Clive Anderson. Clockwise from the Farman biplane, a Farman Renault, a Naismith Cougar, a Farman Mustique and a Fred with the Tiddler in the middle!!

A move to the dark side?



You will never guess who is building this nice Olympian model. Well, if you heard the cursing and grumbling about it you might!!

Not a current free flight modeller, this is being built by Trevor Sexton after a layoff of about 45 years!! Trevor is more normally seen flying DJI equipped FPV Quads.



The cute box probably caught him with his guard down. The fact is that there is more building in this tiny box than most RC planes.

Indoor flying

Flying has now finished for 2021 and who knows what 2022 will bring. However we have plenty of flying sessions booked - the next Thursday flying is on 6th Jan and the next Saturday session is FF on 8th Jan.

The next few months calendar is on the last page, but always check the website for updates.

Public Open Day

This will be a Free Flight extravaganza held in the big Sports Hall from 9am to 5pm on Sunday 3rd April 2022.

As well as being an all day bash open to members and non members alike, there will be some low key competitions with prizes. [Full details here](#). Get the date in your diary now!

Wrestling the Waco

Mark Saunders reports on his efforts taming the Waco - Whilst we managed to get my homebrew WACO flying, it has never been comfortable in the air. Tip stalling at the drop of a hat, unstable in pitch, and a scary ability to wobble and change direction by 45 degrees in the blink of an eye. I'm working through a 4 point plan to tame it.

Firstly, I added 10mm of washout, which has certainly helped with the tip stalling.



Secondly I increased the tailplane from a half span of a disappointing 6 inches to an altogether more impressive 9 inches. The scale tail looked too small anyway! This seemed to have helped a lot, but unfortunately I neglected to correct the CofG

at the same time, so there is probably more improvement to be had. The new tail is designed so it can be cut down by a bay to make it smaller if required.

The planned third step is to move the motor up to be more inline with the drag line (probably anchored on the tow release at the top of the cockpit). Hopefully this will let it keep its trim better over the speed range, and make a transition to aerotow a possibility.

Finally, I will add a stabilising receiver.

Johns FMS Olympus

Membership sec John Clarke has recently acquired an F3a Olympus model from the brother of another club member.



John with his Olympus after a successful first flying session. This is a big model at 1.4m span flying on 6S batteries and it has a good presence in the air.



Captured on a low pass by the excellent camera handling of Malcolm Bates.



Johns Olympus is pictured next to its little brother, Alans 3S 1.1m span Explorer.

Michaels challenge

Michael Marshall has been trimming out some tricky models at the Saturday FF sessions.



This one is his Bucker Bü 133 Jungmeister which was a 1930s German trainer. A difficult subject with little dihedral.

Another quad conversion



Paul Burlings lovely Harrier conversion

Butterfly



Bob Piggott with his Butterfly. Nice little model that flies well, but don't tread on it!!

What's this then?



Another relatively easy intake for you to guess the plane. Seen at IWM Duxford.

Here's to the future.....

Let's look forward to some great indoor flying on Thursdays and Saturdays and some nice weather to get outside as often as we can!!

2022 Calendar

JAN 6 Thu	Indoor Model Flying @ IVC Old Gym Jan 6 @ 7:00 pm – 9:30 pm
JAN 8 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Jan 8 @ 2:00 pm – 5:00 pm
JAN 13 Thu	Indoor Model Flying @ IVC Old Gym Jan 13 @ 7:00 pm – 9:30 pm
JAN 15 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Jan 15 @ 2:00 pm – 5:00 pm
JAN 20 Thu	Indoor Model Flying @ IVC Old Gym Jan 20 @ 7:00 pm – 9:30 pm
JAN 22 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Jan 22 @ 2:00 pm – 5:00 pm
JAN 27 Thu	Indoor Model Flying @ IVC Old Gym Jan 27 @ 7:00 pm – 9:30 pm
JAN 29 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Jan 29 @ 2:00 pm – 5:00 pm
FEB 3 Thu	Indoor Model Flying @ IVC Old Gym Feb 3 @ 7:00 pm – 9:30 pm
FEB 5 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Feb 5 @ 2:00 pm – 5:00 pm
FEB 10 Thu	Indoor Model Flying @ IVC Old Gym Feb 10 @ 7:00 pm – 9:30 pm
FEB 12 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Feb 12 @ 2:00 pm – 5:00 pm
FEB 17 Thu	Indoor Model Flying @ IVC Old Gym Feb 17 @ 7:00 pm – 9:30 pm
FEB 19 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Feb 19 @ 2:00 pm – 5:00 pm
FEB 24 Thu	Indoor Model Flying @ IVC Old Gym Feb 24 @ 7:00 pm – 9:30 pm
FEB 26 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Feb 26 @ 2:00 pm – 5:00 pm

MAR 3 Thu	Indoor Model Flying @ IVC Old Gym Mar 3 @ 7:00 pm – 9:30 pm
MAR 5 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Mar 5 @ 2:00 pm – 5:00 pm
MAR 10 Thu	Indoor Model Flying @ IVC Old Gym Mar 10 @ 7:00 pm – 9:30 pm
MAR 12 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Mar 12 @ 2:00 pm – 5:00 pm
MAR 17 Thu	Indoor Model Flying @ IVC Old Gym Mar 17 @ 7:00 pm – 9:30 pm
MAR 19 Sat	Indoor Free Flight flying @ IVC Main Sports Hall Mar 19 @ 2:00 pm – 5:00 pm
MAR 24 Thu	Indoor Model Flying @ IVC Old Gym Mar 24 @ 7:00 pm – 9:30 pm
MAR 26 Sat	Indoor Radio Control flying @ IVC Main Sports Hall Mar 26 @ 2:00 pm – 5:00 pm
MAR 31 Thu	Indoor Model Flying @ IVC Old Gym Mar 31 @ 7:00 pm – 9:30 pm
APR 3 Sun	Public Open Day @ IVC Sports Hall Apr 3 @ 9:00 am – 5:00 pm
APR 7 Thu	Indoor Model Flying @ IVC Old Gym Apr 7 @ 7:00 pm – 9:30 pm