

Impington Model Aeroplane Club
Founded in 1946 by Ray Malmström

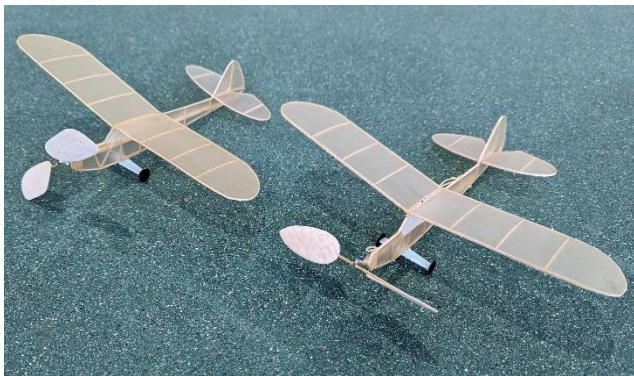
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Website <https://ivcmac.bmfa.uk>

Guess the weight



Bruce is pictured with one of his new profile scale "Nocal" Piper Cubs. This is a Clive King design and Bruce has built 2 of them.



Not satisfied with the weight of the first one at 1.8g he built a second which weighs just 1.1g – a massive weight saving. It flies on 0.022" rubber compared to 0.038" on the heavy one!! Most of the wood is 1/32" square and Bruce is still trimming them out.

Annual General Meeting

This will be held at 2.30pm on Saturday 25th Nov in the sports hall. This is to allow both FF and FC modellers to attend in the middle of the session. It should also encourage brevity perhaps?

Heewing Lico RC trainer



We have been trying to find a good indoor RC trainer plane that's fun to fly and also tough enough for the inevitable knocks. The Vapor is another good model but rather fragile.

This is the Heewing Lico and can be found as a plug and play kit for about £50 or as a RTF with receiver and transmitter for about £60. It's a very nice build with good on line pictorial instructions. It actually flew quite well after some trimming and is certainly very tough as this [video](#) shows!! Not for a first indoor model though as it has some quirks.

Prehistoric glider



This is Gerald's "Balsasaurus" which he was test gliding in the sports hall a few Saturdays ago. Balsa fuselage and foam wings.

Pinkus Hyper Bipe

Paul Burling was flying a small low wing model called the Pinkus last season, but it was a bit fast and furious for the sports hall. Over the summer he converted it to a staggerwing biplane and it's now ideal for indoor flying. The extra drag now slows the plane down to a manageable speed. The top wing was made using 3mm foam board painted using Acrylic paint.



It has four Chanel RC and the ailerons are only on the bottom wing. It flew brilliantly and is a good option for any other models that are a bit fast for indoor antics. 40g AUV using a 1s 300 mAh lipo and it will fly for 12-15 min.

New free flight convert



Andrew is pictured with his Tradfly which flew brilliantly and beat all comers at its first outing in the sports hall. Andrew started with RC on the field this summer and look where that's ended up.

It's all in the name



John Copsey holds this large CL F2b model which is named after the 2 people who designed and built it. The engine is a Stalker 0.61 (10 cc) rear exhaust and it's not exactly light at 70 ounces.

It was built by Roy Cherry and Dave Marquis as a 'training exercise in accurate building'. Not really intended to be flown competitively, but once built it seemed a shame not to fly it. The wing and tailplane have 20 coats of 50% thinned shrinking clear dope and then fuel proofed. The fuselage is film covered to save weight.

Roy Cherry is now using it to teach John the fine details of trim for best stunt performance. Roy is a many times over British Champion and International competitor from the 1970's to the present day. He came second to our own Brian Turner at the Ray Malmström Cup competition in June.

Christmas dinner

Last calls for anyone who wants to go to the Christmas dinner at the Holiday Inn on Thursday 30th November.

Please contact Alan Paul for more info or to add your name to the list. Full details are on the website calendar [here](#).

Radial powered Lancaster

This nice model of a Lancaster MkII was spotted at the RAF Waterbeach museum (which is well worth a visit)



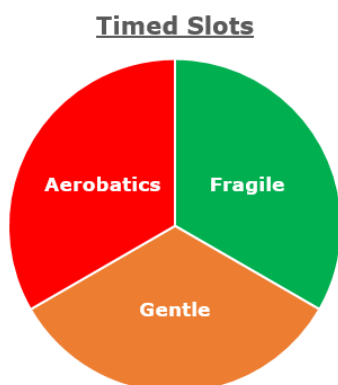
The Mk II was the only version of the Lancaster not to be powered by Rolls Royce Merlin engines. Instead, it used Bristol Hercules radial air cooled engines. The aim was to provide an alternative source of Lancasters in case the supply of Merlin engines failed.

British production was seen as vulnerable to German bombing, while there were worries that American production (by Packard) would be diverted or stopped if American entered the war. The MkII first flew in 1941, but its performance was somewhat inferior to the Merlin powered versions.

Indoor RC flying changes

Members will be aware that we are trialling some changes to the indoor RC flying slots to try to avoid fragile models getting shredded.

Full details are on the website and a summary of the new slots is below



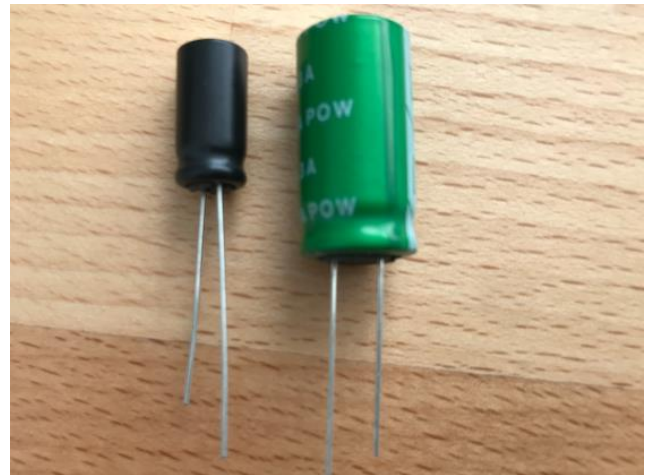
Indoor foam FF Lysander

Paul Burling has produced some lovely scale models using supercapacitor power for free flight in the sports hall.

A full build article is on the website [here](#)



Pauls Lysander



Powered by supercapacitors

Diall

EXTRUDED POLYSTYRENE BOARD
• PLAQUES DE POLYSTYRÈNE
EXTRUDÉ • PŁYTA Z POLISTYRENU
EKSTRUDOWANEGO •
PLACĂ DIN POLISTIREN
EXTRUDAT • PANEL
DE POLIESTIRENO EXTRUIDO
• PLACA DE POLIESTIRENO
EXTRUDIDO

Made from cheap 3mm foam board from B&Q which costs £11 for 8 large sheets.

Enough to build rather a lot of models and stuck together with white PVA glue or UHU Por.

From the Archives.....

Bargain prices for dope, glue and fuel proofer in the 1957 Aeromodeller plans handbook. Challenge for juniors to convert old money to new.....

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