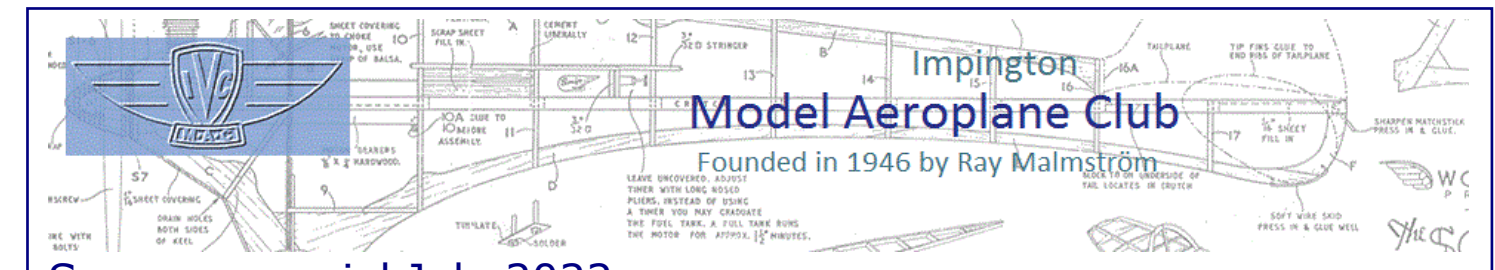




# Impington Model Aeroplane Club

Founded in 1946 by Ray Malmström



## Summer special July 2022

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

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## Cubs visit 15<sup>th</sup> July

We had a visit by 20 cubs from the 2<sup>nd</sup> Cottenham Cub group at last Friday's evening club meeting. The visit had been postponed several times due to high winds, but the forecast seemed OK so we decided to go for it anyway or the visit may never have happened!!

Ray Malmstrom, who founded the club in 1946, would have been pleased to see us continue the tradition of introducing youngsters to aeromodelling.



A safety briefing was held and the cubs split into 3 groups who rotated through Free Flight, Control Line and Radio Control spending 30 minutes at each



Stuart explained the intricacies of FF and winding rubber motors. We used 3 Tradfly models which the cubs wound, launched and retrieved. A lot of running used up some of their abundant energy!!



Winding the Tradfly – did you know cubs include girls – they were very interested.



Not too many turns now!!



And the chase is on – Retrieving.....



Up, up and away under rubber power. The Tradfly from Steve Midson at Midair models is ideal for this. It flies fantastically inside or outside and is indestructible!!



Got it after a chase of 75 yards



The windsock survived the night.....!!



The pack sets off in chase of another good launch. A good demonstration of the wind direction and strength.



John Copsey tells the cubs about Control Line and his speciality F2b aerobatics



David Marquis takes off with his smoking F2b model to put it through his paces. There is no doubt that large CL models flying close up are an impressive sight.



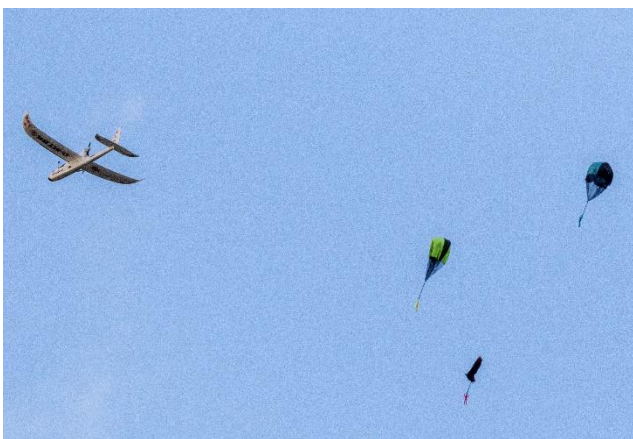
Take off – Control Line in action with smoke and noise – great



Easy Star launch – we had equipped this model for 3 purposes. Parachute dropping, FPV video streaming and Buddy Box training. On reflection, with 20 cubs to have a go, the buddy box was probably a step too far. However, despite being brief, the turns on the buddy box were appreciated.



Parachute packing – perhaps not with the same care and attention as real life chutes. A simple servo actuated rubber band straps the chutes under the belly of the Easy Star



Chutes away.

After some trial attempts we managed to get the cubs running the whole length of the field to pick up the chutes and wear themselves out.



Retrieving!! The parachutes are brought back by the ever enthusiastic retrieval team. Club members had very little running about to do.



Landing!! We managed to avoid hitting anyone which was a minor miracle in itself.



Having a go on the buddy box. We had set up the wireless buddy box so that the instructor had the throttle all the time with the student only having rudder and elevator.

In retrospect, it may have been better to just give the students rudder control as with about 2 minutes per student it was difficult to explain the effects of elevator and there were a few "moments", but the trusty Easy Star coped well.



We had put a decent analogue FPV camera on the easy Star and the cubs enjoyed the aerial view on a 7" monitor.



It was easier to use a small monitor rather than swapping goggles all the time as several could view the screen at the same time.

There were quite a few "wows" when they saw the views from above.



We utilised the cubs to retrieve models as well – it saved our legs.



Another good launch from Jon Oakley



Mind the trees – luckily we didn't lose any parachutes despite the gusty wind.



Some interesting models on display from Richard Staines



Fighter line up from Paul Burling

All in all a very enjoyable evening. Special thanks to Cameraman Malcolm Bates who did a great job on the night and to the BMFA East Anglia Area for donating BMFA Aerojets for the cubs to make as part of their aeroplane badge award.