

Impington Village College Model Aeroplane Club

Based near Cambridge we fly Free Flight, Radio Control and Control Line aircraft



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Website ivcmac.bmfa.uk

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Indoor Control Line Klik ICL



This is Alans first foray into control line with the new Klik ICL (Indoor Control Line) model from RC Factory. Weighing only 140g, it has the huge benefit of being a very slow flyer on 16ft lines. Why not give it a go? See Alans attempts on video [here](#).

That's a big drone



Club member Ben with his self build 9" quad. This means the props are 9" diameter. Fitted with DJI 04 video feed and ELRS radio it can cover a distance of 20Km in one flight. More akin to a Ukrainian battle drone in some respects. Nice build Ben.

Clives Pistachio size Fike



In a marked contrast to Bens quad, this is the little Fike built by Clive Anderson. He will be competing at the indoor scale Nats up in Wolverhampton this month. Good luck Clive.

Similar to the Lacey, the Fike was an American homebuilt aircraft from the 1970's and the wing could be removed in 10 minutes for storage.

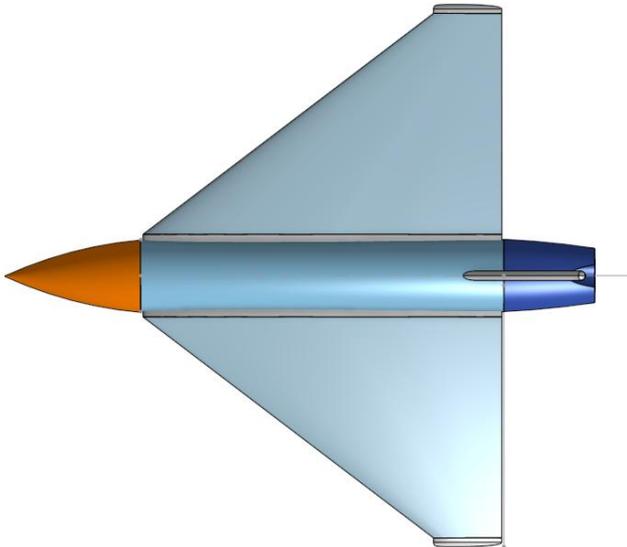
Chris's Piper Family Cruiser



Chris Caruana with his nicely built Family Cruiser – one of many kits bought from local man John Broads collection a year or so ago.

Rocket powered jet project

Junior member Tristan Torrents has used a CAD and fluid dynamics system to design a 600mm wingspan jet to be powered by 3 rocket motors. It will be 3D printed using a mixture of PETG and lightweight PLA.



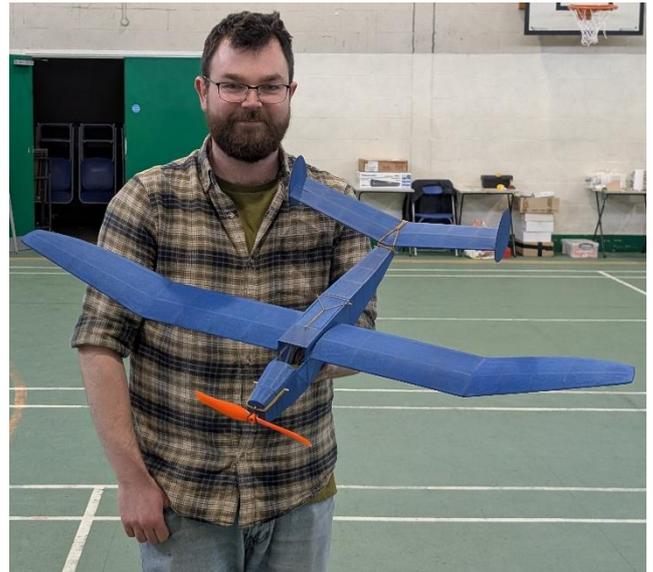
Tristram writes - The plane is a small fixed-wing design with a 591mm wingspan powered by 3 F-35-0 TSP rocket motors, with the goal of reaching 160mph+ in flight. The flight will consist of this - drop from the mother plane, dive to accumulate speed, level out, ignite rocket motors, then glide back to land. As the plane is so small, I will be flying it with analogue FPV gear.

The proposed "mother ship" is currently Alans trusty old Slowpoke pictured below - unless there are any other volunteers LOL..... The rocket plane will be mounted on a cradle above the fuselage and released by 2 servos (also used for parachute dropping).



Unfortunately, Impington may not be suitable for a full burn of the rocket motors, but maybe a test drop and glide attempt could be done.

Keil Kraft Invader



This is new member Rob Littlechilds very nicely built KK Invader. He has modified it for radio control using the wing tilting mechanism where a servo under each wing root tilts each wing separately and provides both pitch and roll control. It should be a good flyer and an ideal model for Friday evenings at IVC.

Meet the Flying Squad



An article about the club has been published in the Histon Hub website. [Click here to view it.](#)

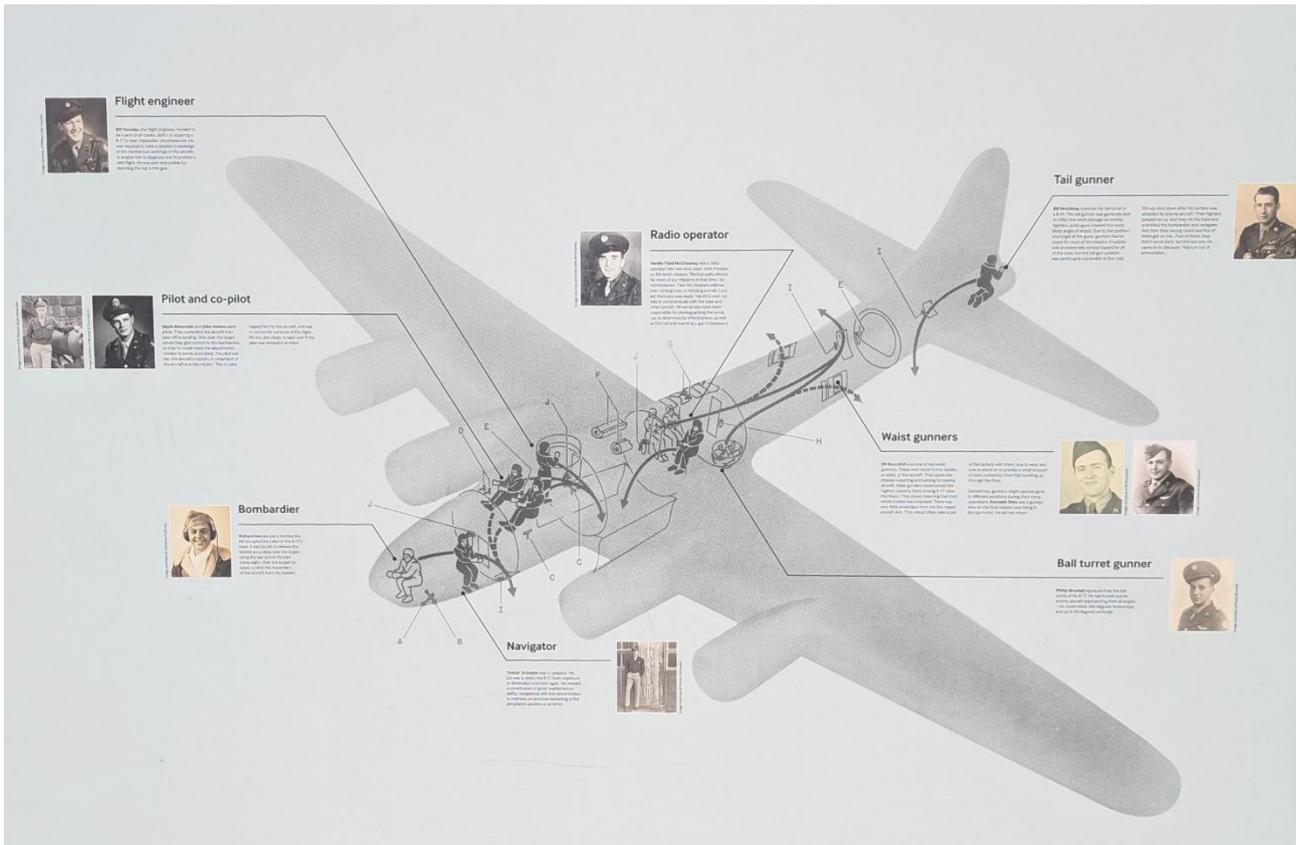
Chutes away.....



The Slowpoke (same as the picture opposite) with 3 parachutes on each wing root takes off on a test mission.

Video of the flight [here](#).

Would you want to be a B17 Ball Turret gunner?



I doubt it. This picture from IWM Duxford shows the positions of the 10 man B17 crew. Regularly seen at Duxford is volunteer on the B17 Sally B, club member James Fawcett.



Rather cramped conditions for the Ball Turret gunner!!