

Micro Dammit



The Micro Dammit S is designed for intermediate to advanced pilots. Whilst not a difficult model to fly please bear in mind that it is very small, fast, and extremely agile. At as little as 100g ready to fly the Dammit can fly around gently in as little as 4 to 5mph, But when the wind picks up there's a small ballast that will accept 30 to 40g of ballast to really keep you on your toes.

Building is very quick and simple, but again some building experience or the assistance of a skilled model maker is suggested. Small models need to be built carefully and accurately to get the best flying performance possible.

Only lightweight covering should be used in order to reduce the risk of twisting the airframe out of shape when shrinking the film. We used Oracover Oralight on our prototypes. Our feather cover is ideal but as it is totally clear a high visibility sticker scheme would be required unless flown slowly and close.

Balancing a flying wing is very important. The CG is shown on the plan and should not be any further back than indicated, especially for test flights.

Recommended additional items

- 2 x Kingmax 4g Micro Digital servo (2.5g to 5g Servo, max thickness 9.5mm)
- 1 x 4-6 Channel end pin Receiver (eg Spektrum AR6110E)
- 1 x 2s 350mah Lipo (we used GNB 350mAh 2S 70C LiHV Battery (PH2.0 Cabled) from Hobby RC)
- 1 x Micro BEC unless your using HV servos and 7.4v is also supported by your receiver

Covering Materials

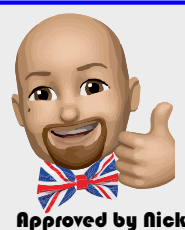
We used Oracover Oralight. Other suitable coverings are Angelwingdesigns Feather cover, Solarfilm Solite (now discontinued) Hangar 9 Ultracote parklite (freely available in USA)

Adhesives

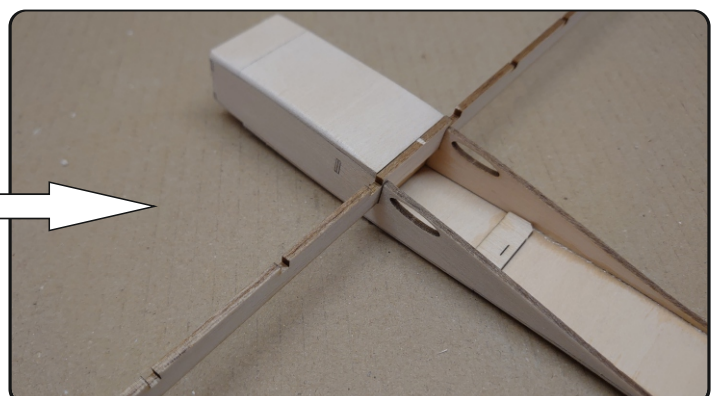
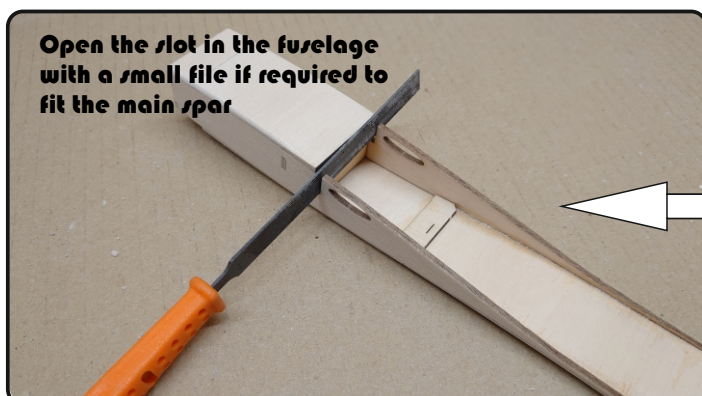
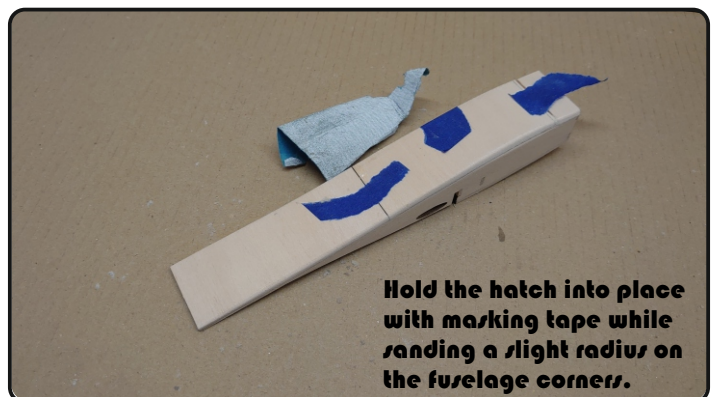
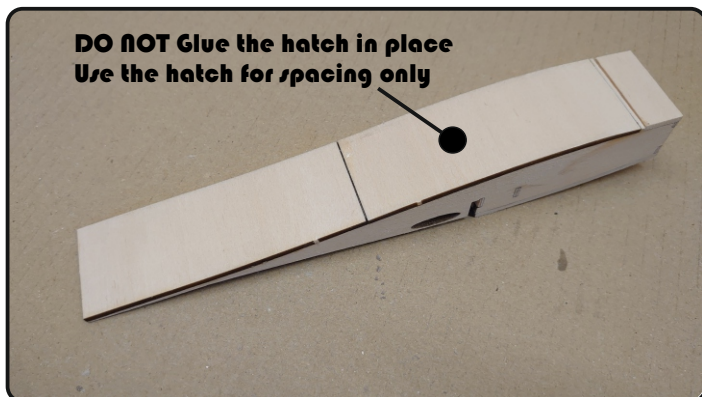
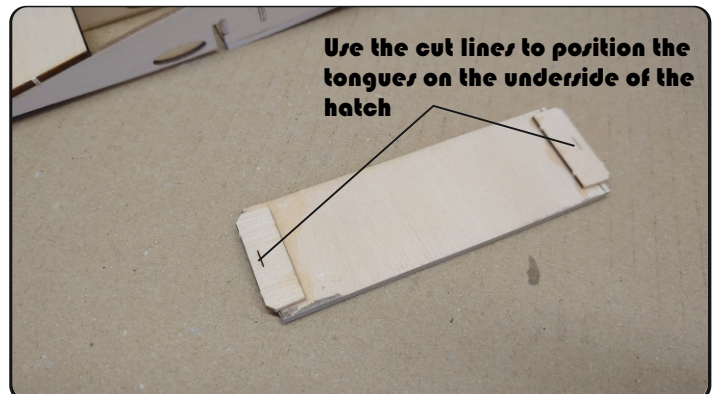
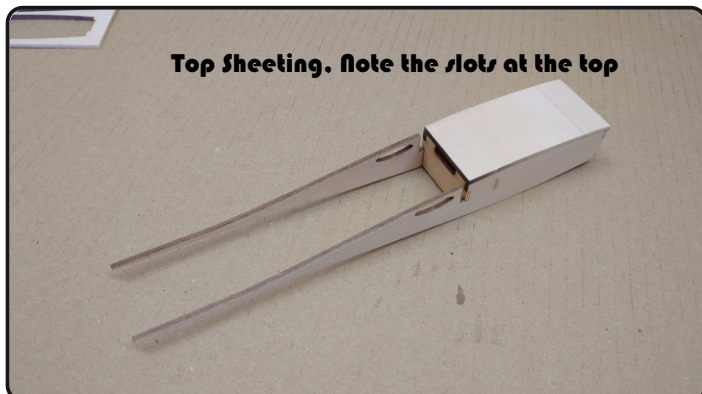
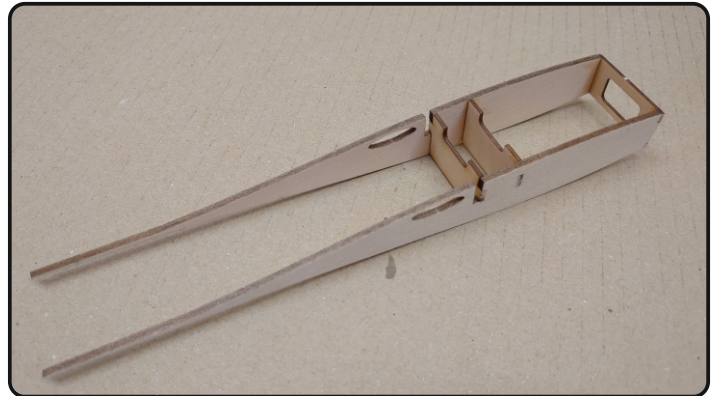
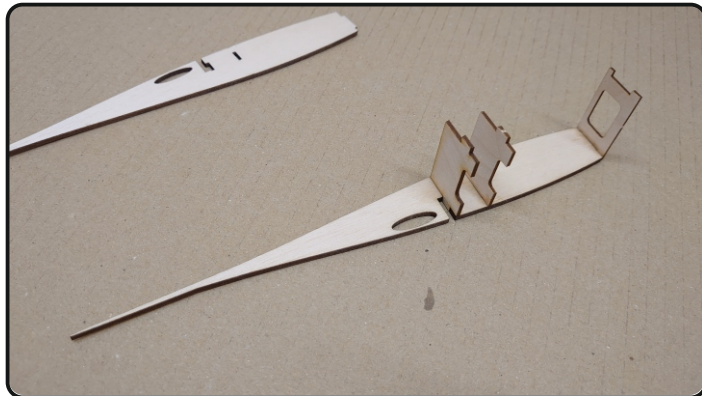
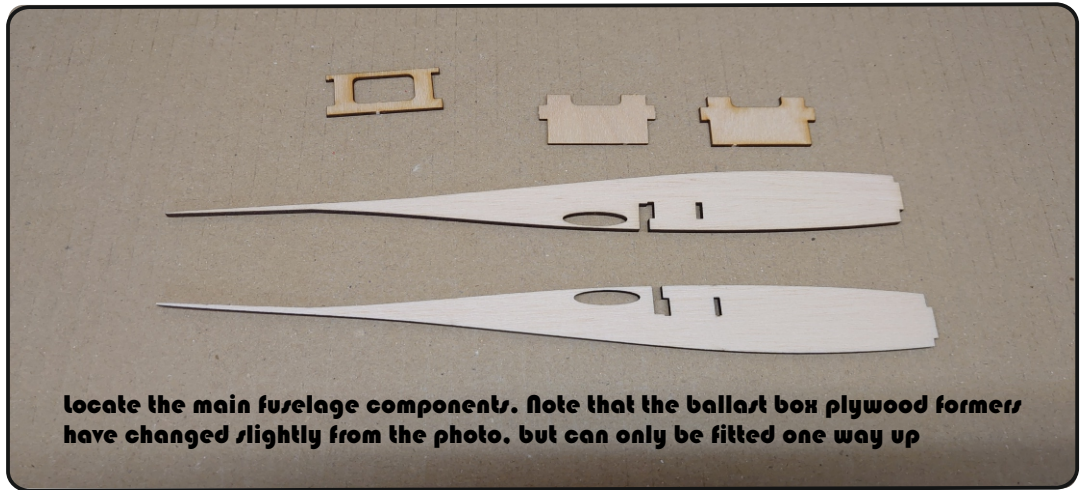
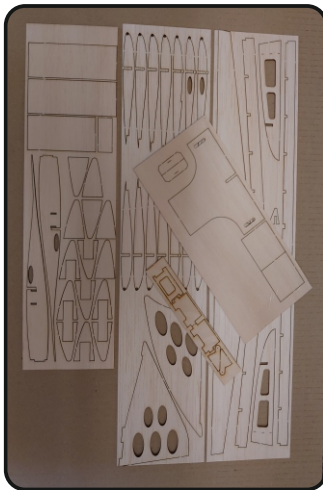
Thin / medium CA for Carbon to Balsa, Balsa to Balsa
Superphatic for wood to wood joins
Contact adhesive to mount the servos

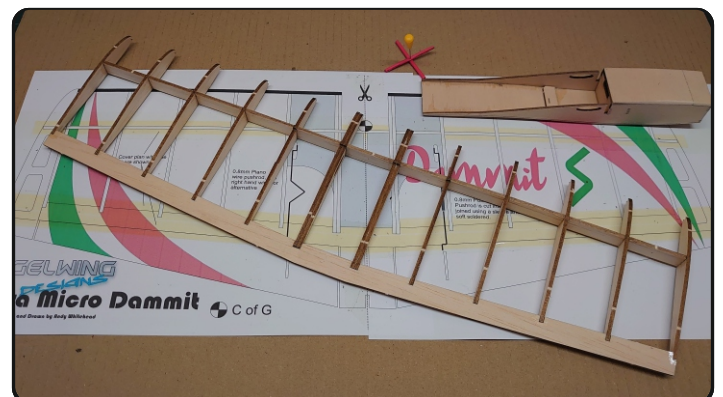
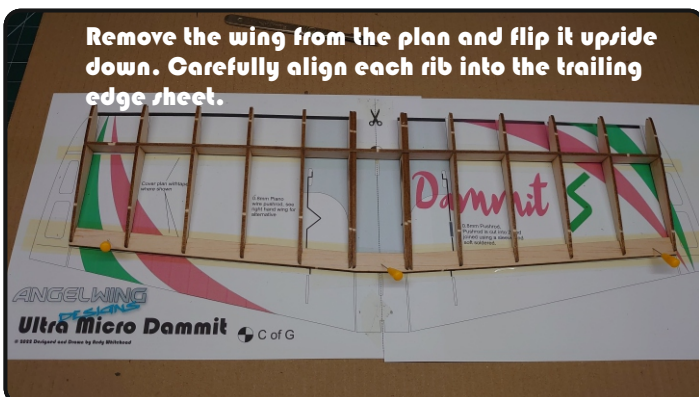
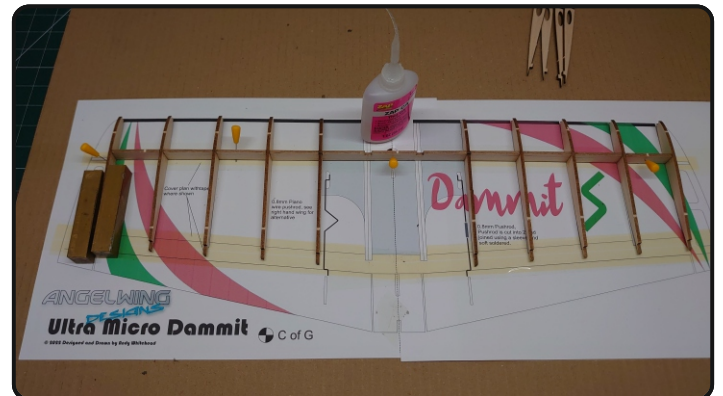
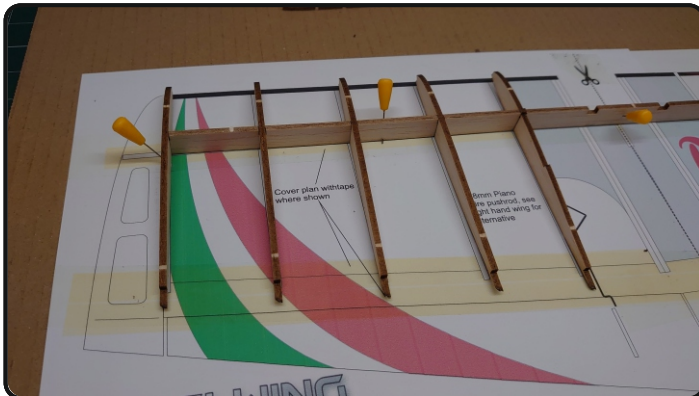
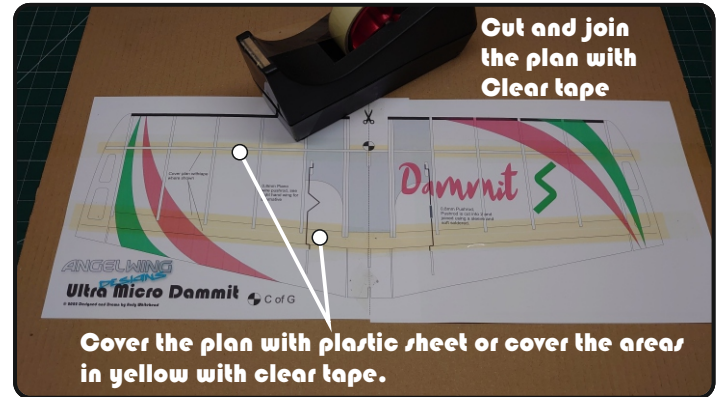
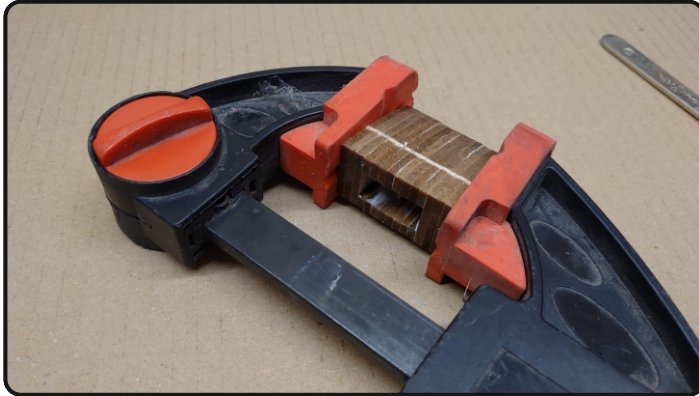
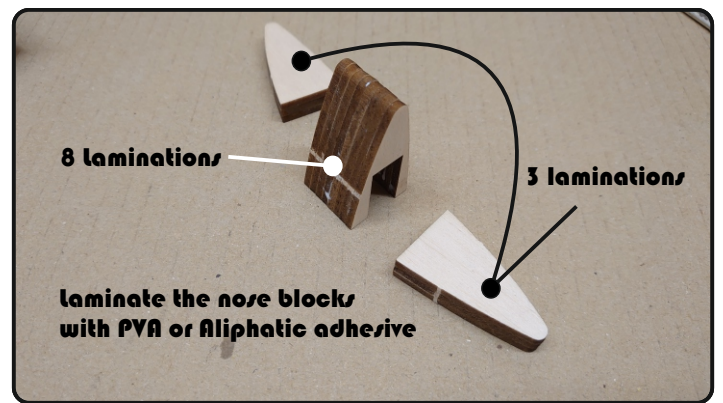
Misc

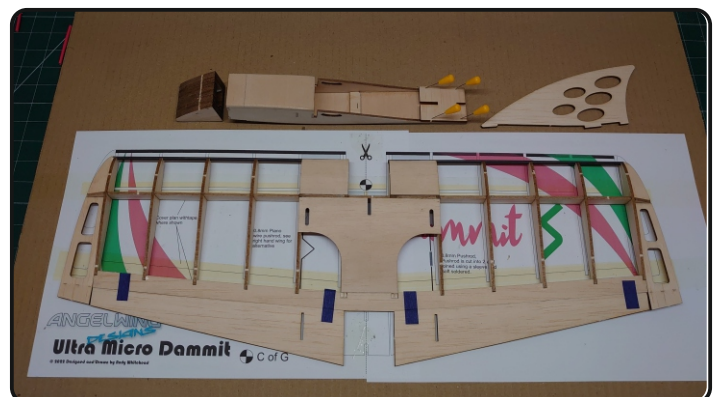
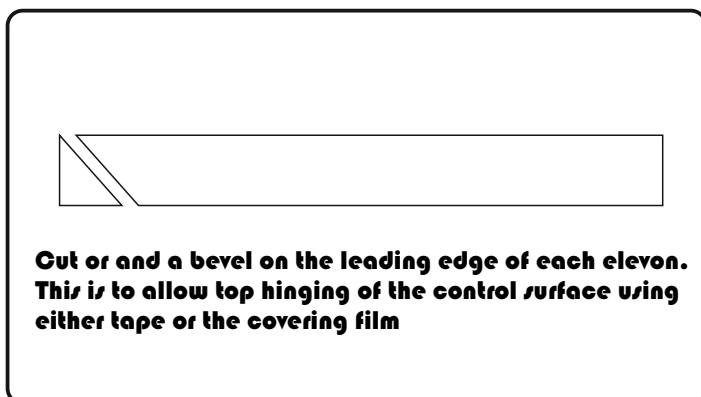
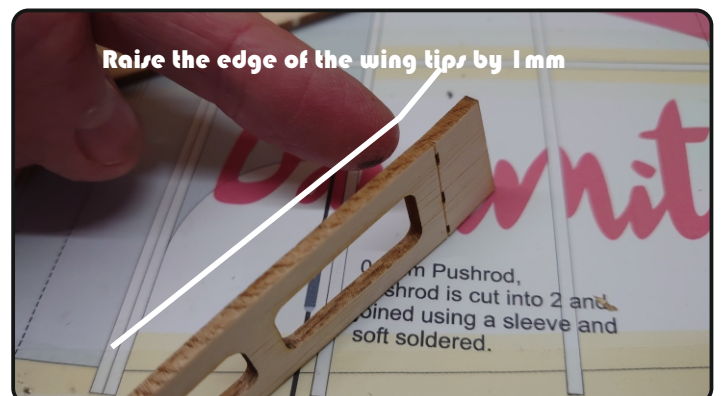
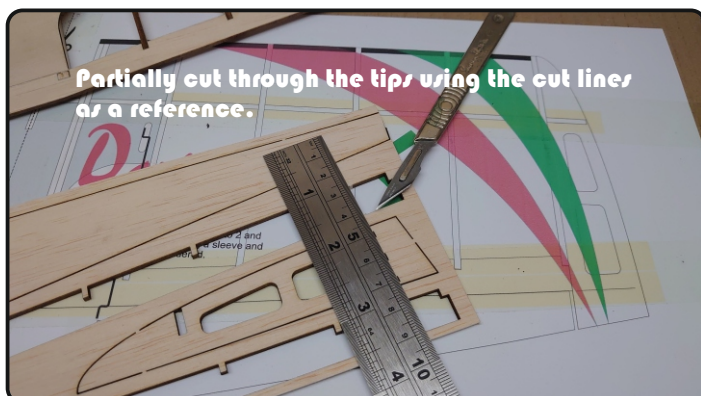
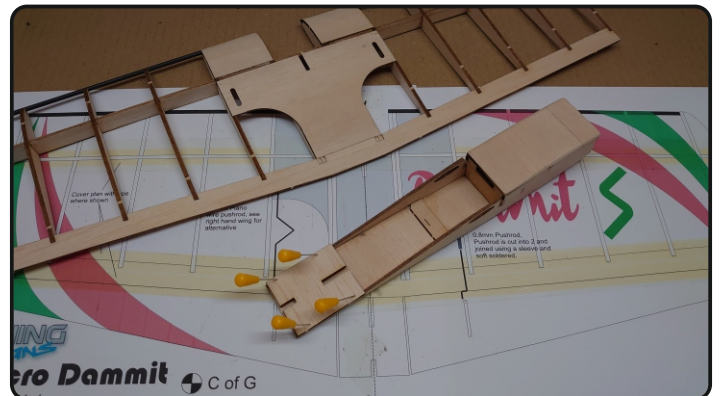
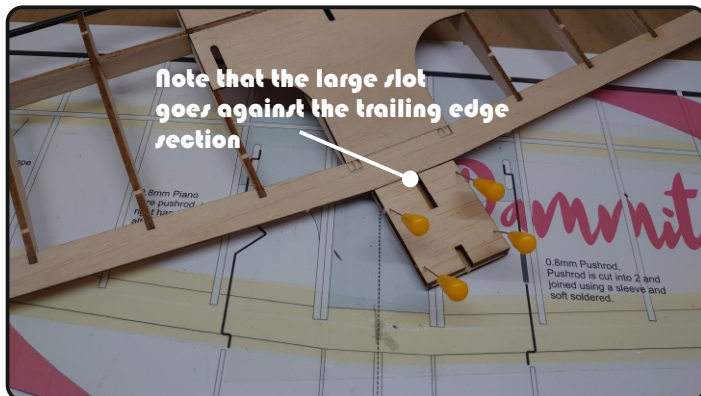
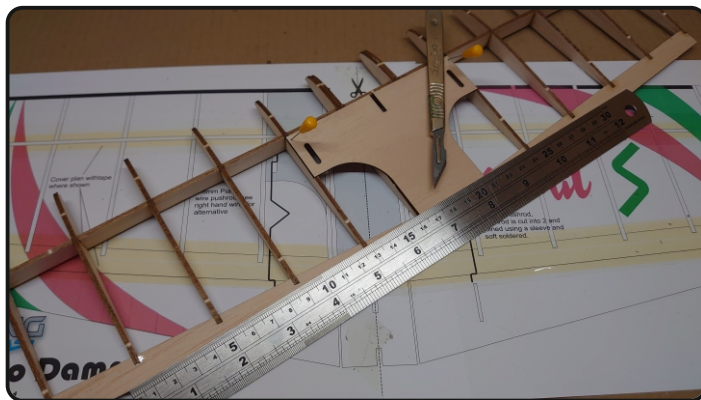
Ballast weight. The battery box will accommodate 30g of our self adhesives weights in the form of 3 x 10g sections.

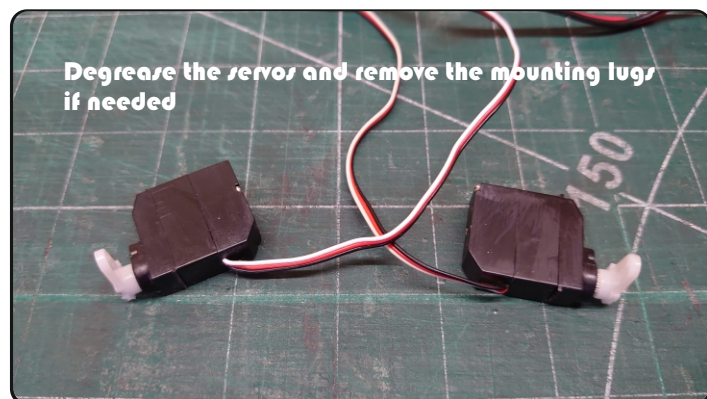
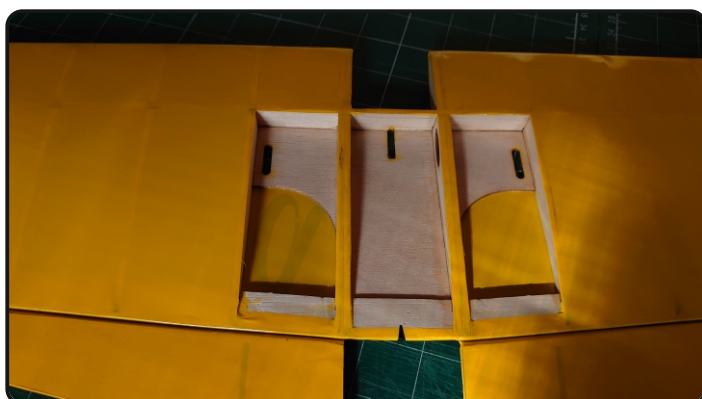
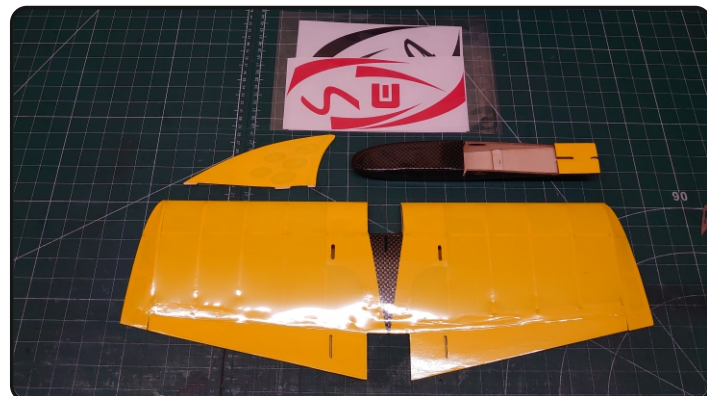
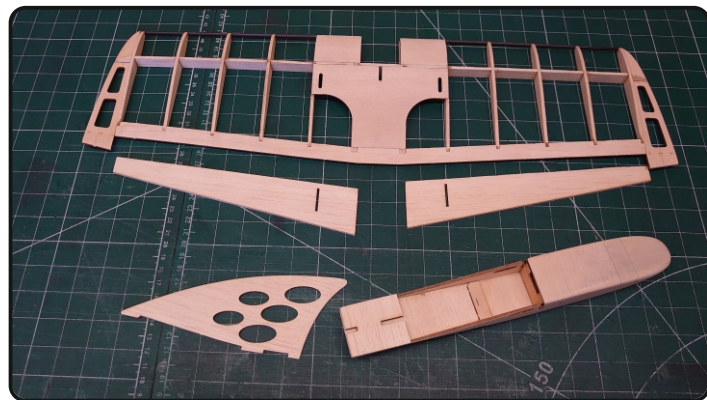
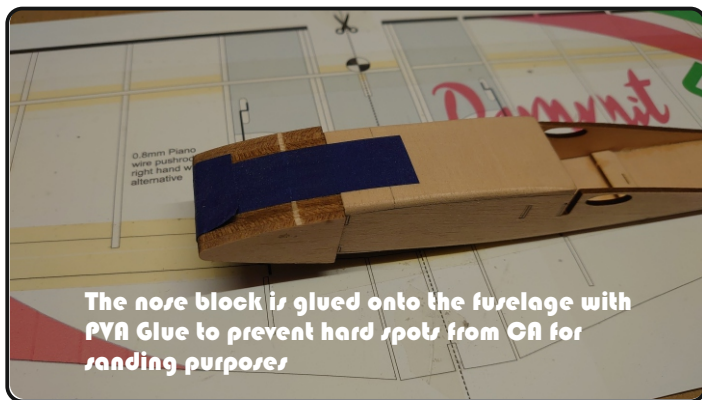


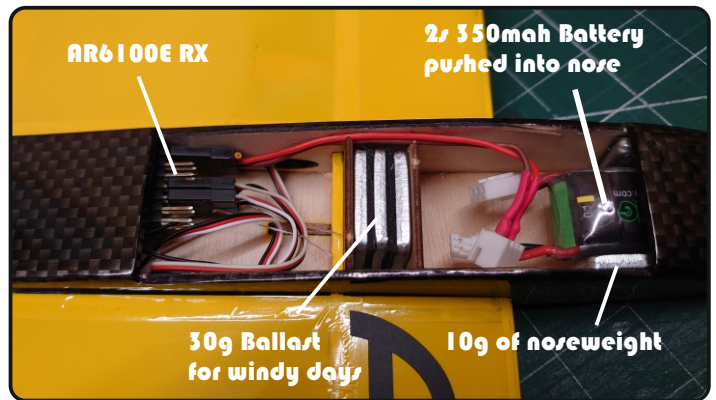
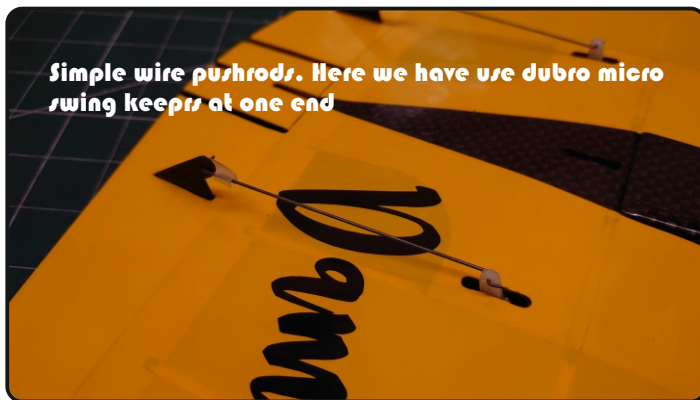
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Control Throws

**Elevator : 7mm Up and down 50% expo - High Rate
5mm Up and down 40% expo - Low Rates**

**Aileron : 14mm Up and down 60% expo - High Rate
10mm Up and down 40% expo - Low Rate**

CG as indicated on the plan. Balance on spikes such as upturned pencils as fingers are not accurate enough