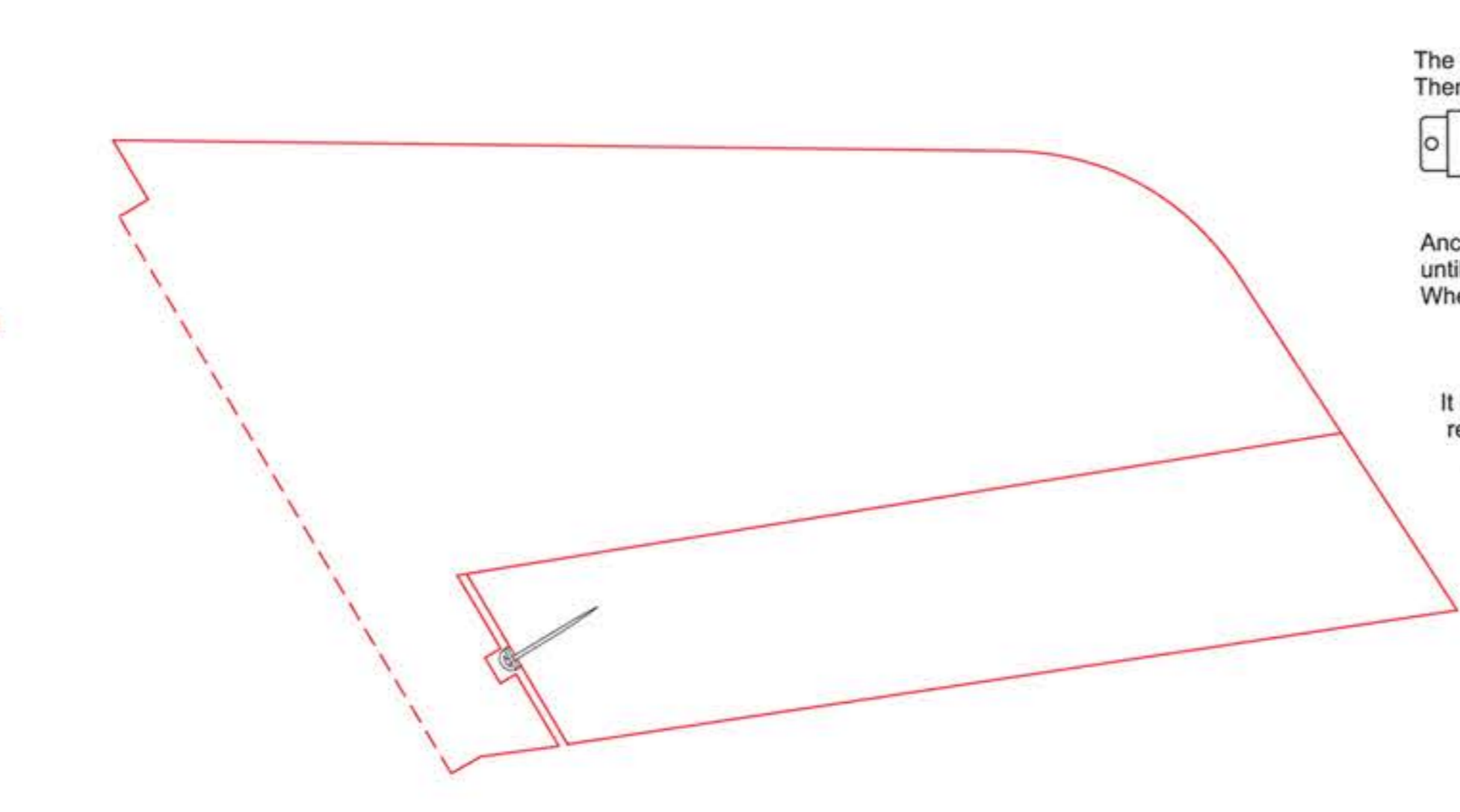
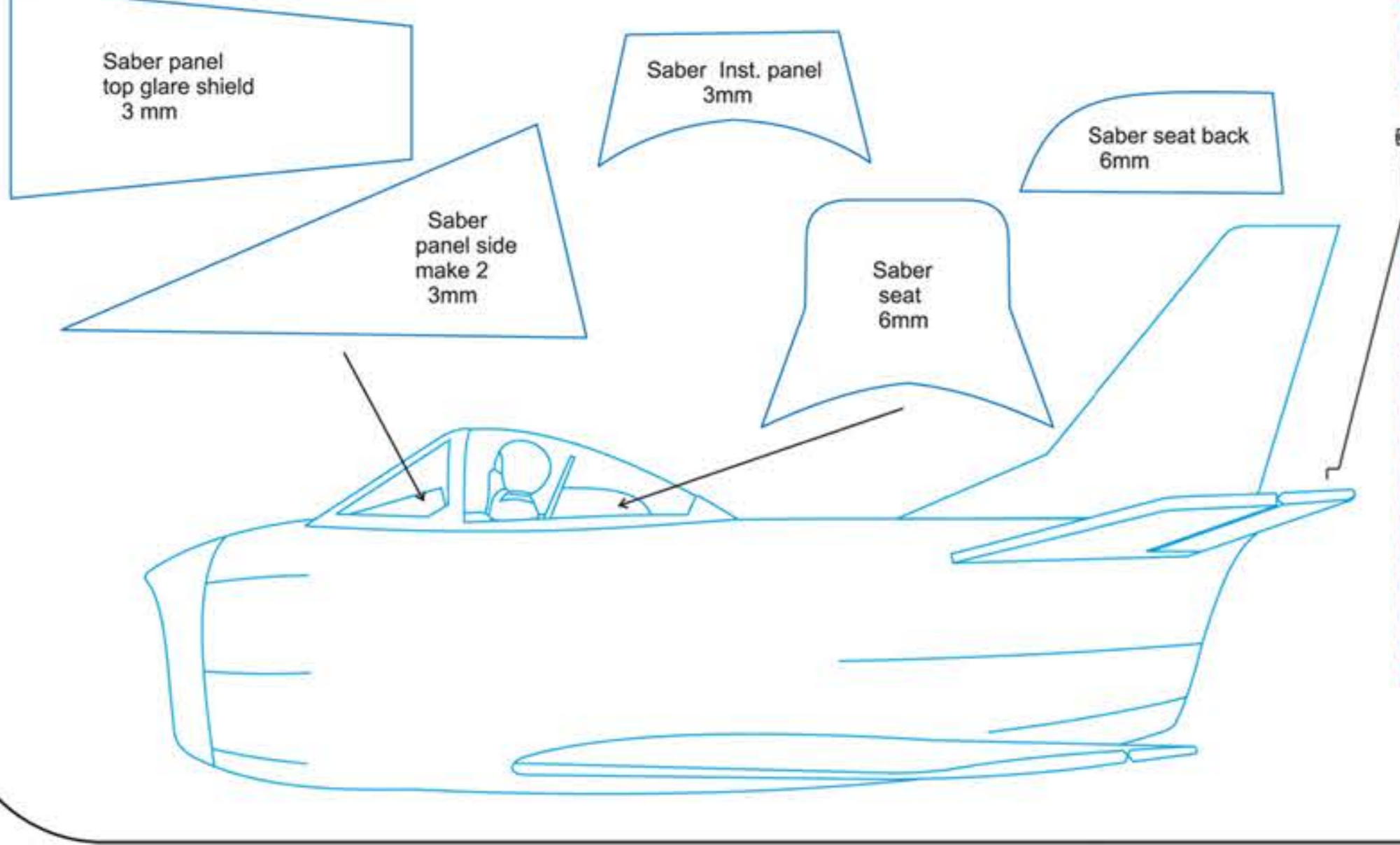
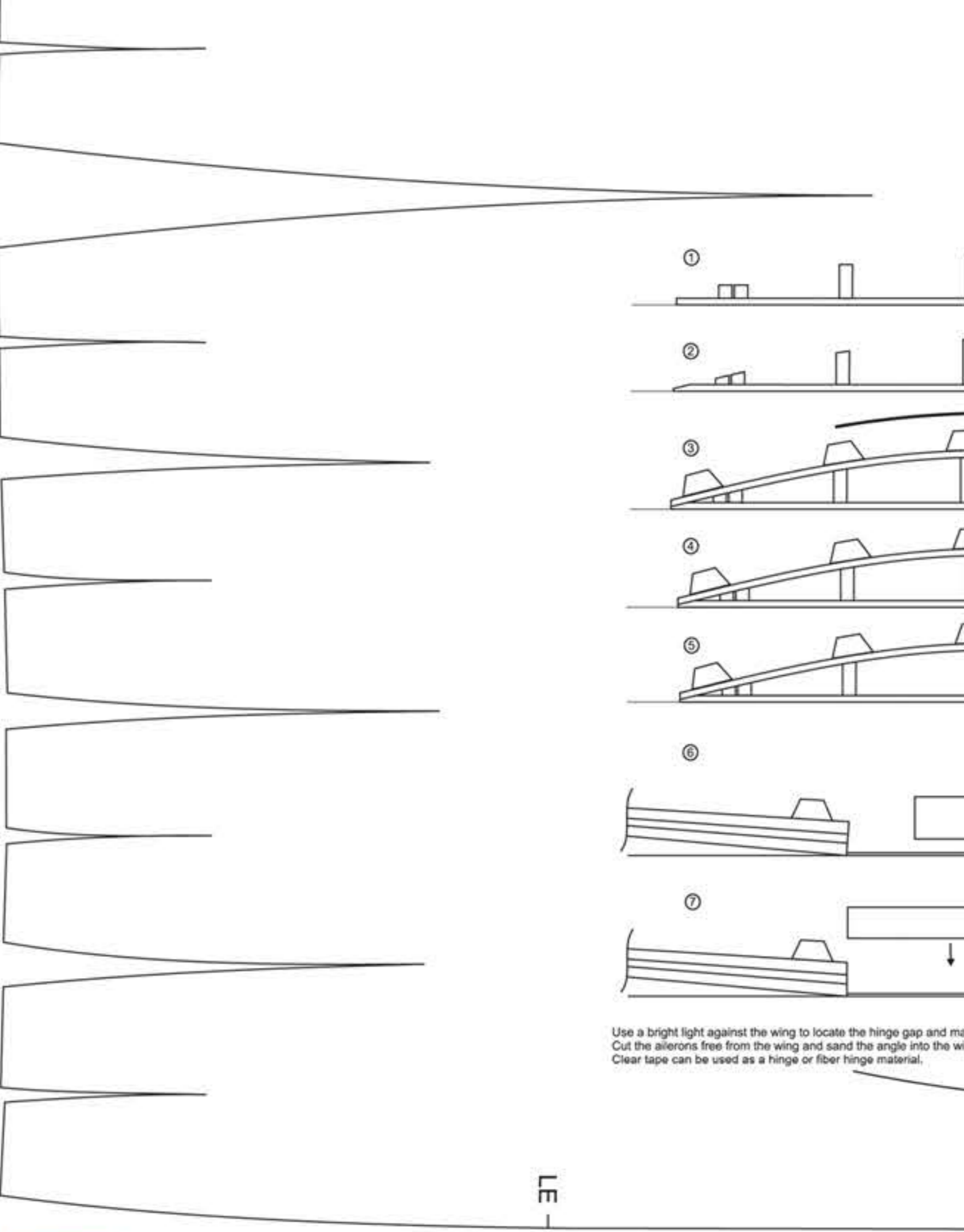
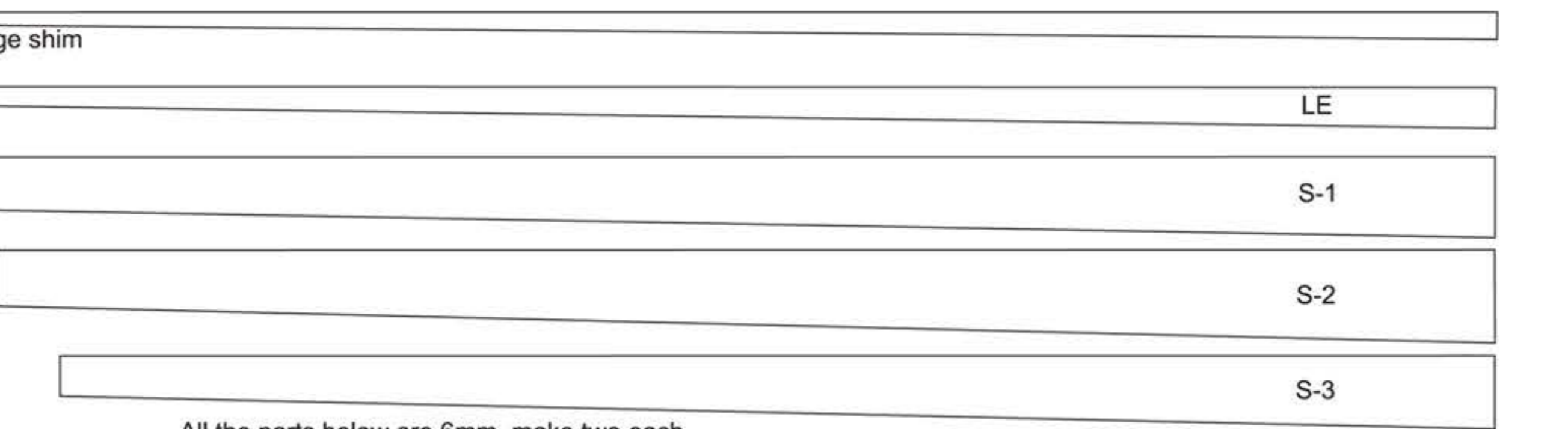
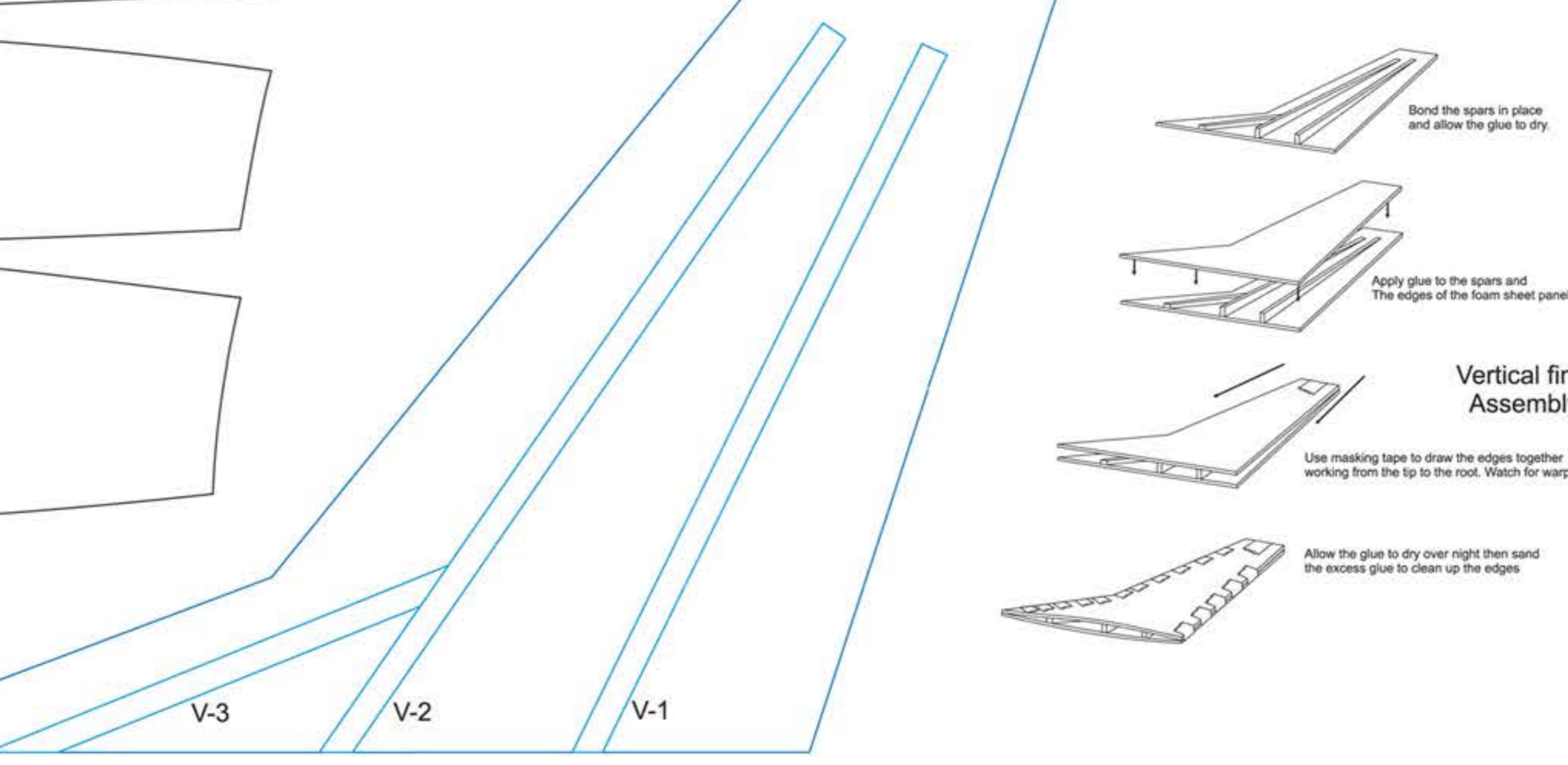
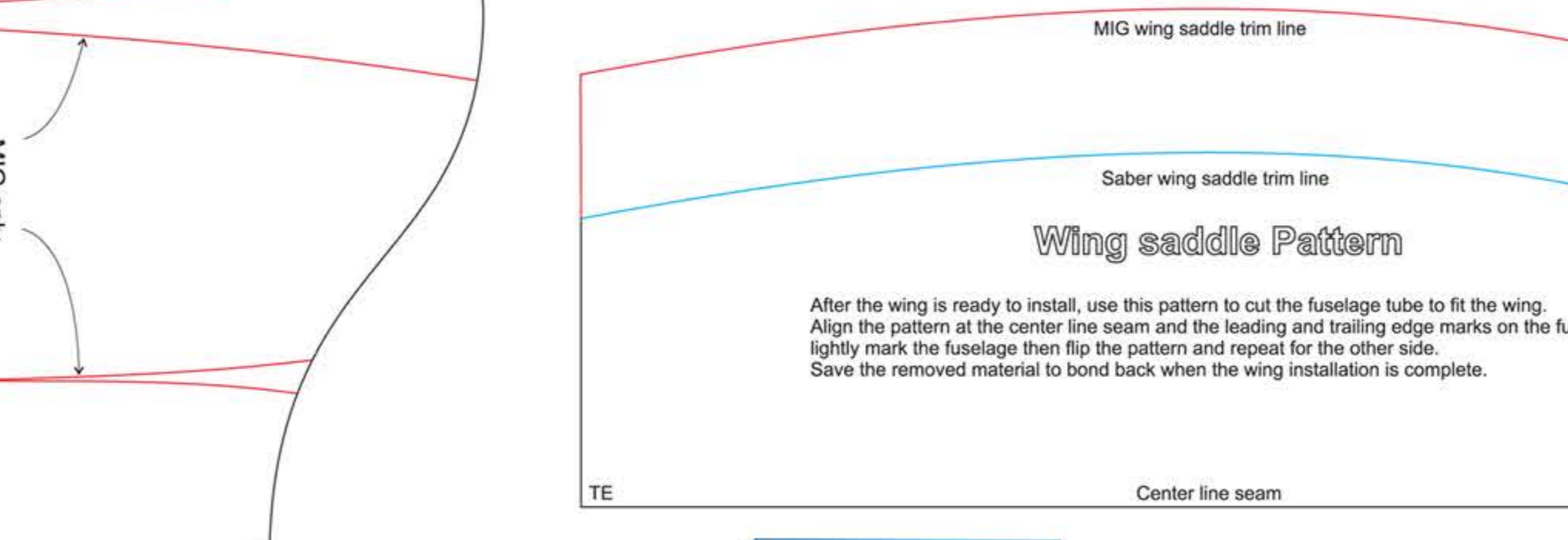
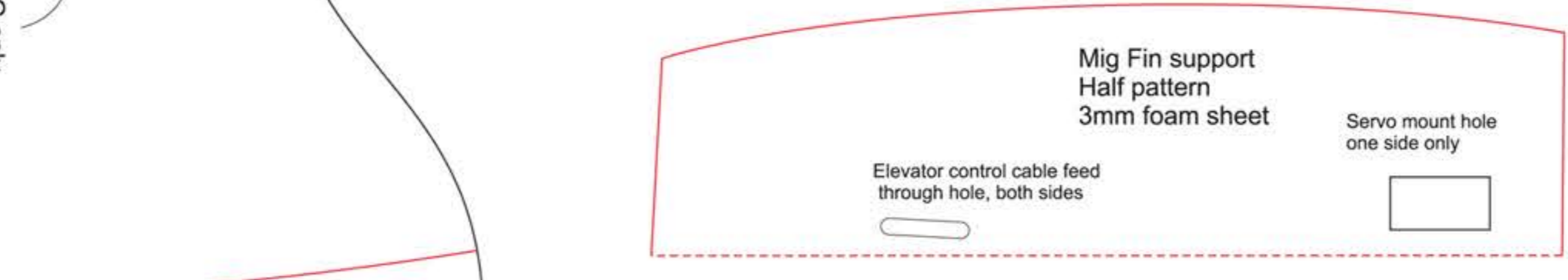
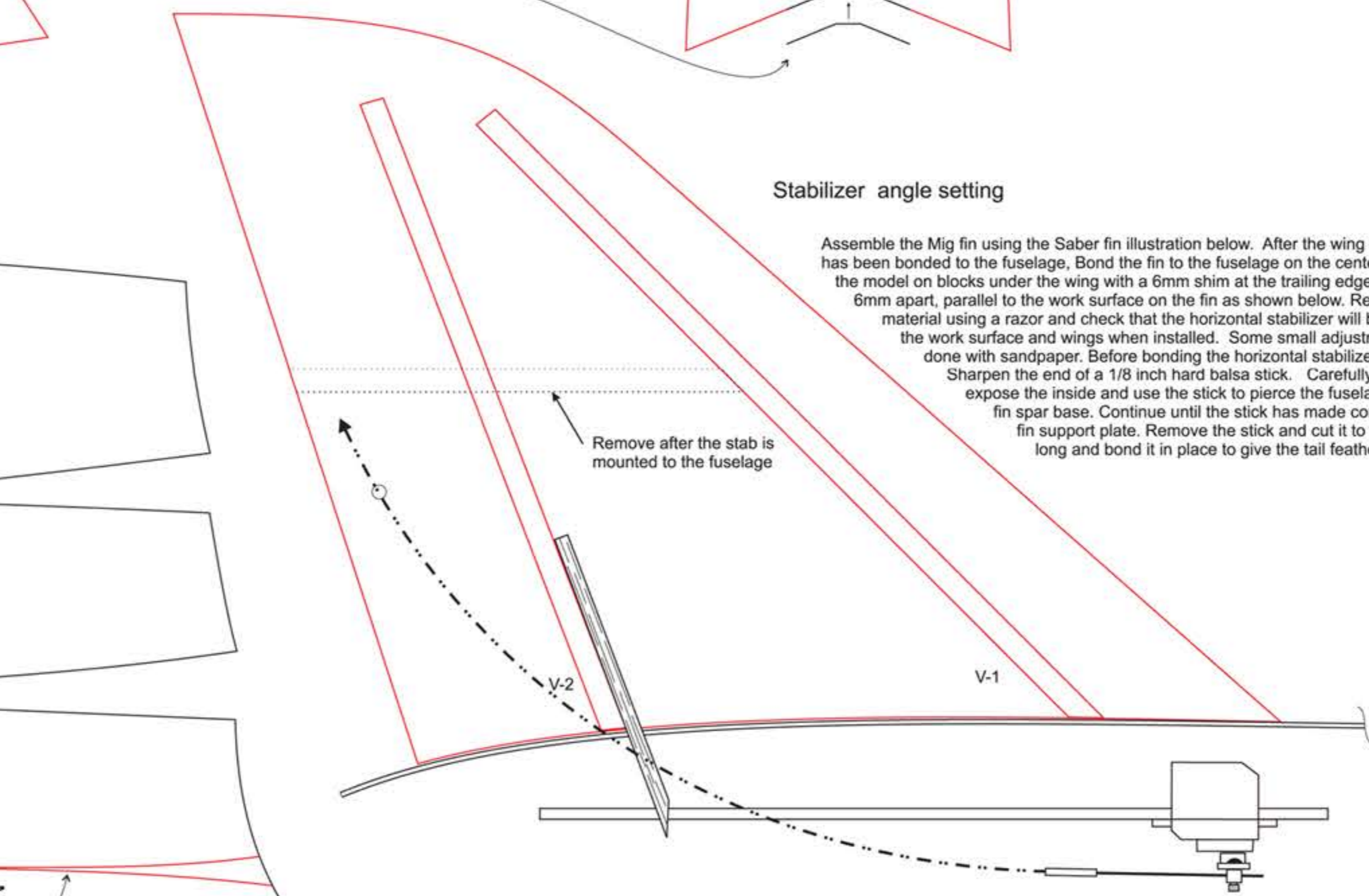


Warning: This design is a drag Queen. Because of its unusual shape it has some strange tendencies. As you would expect power is everything. Any motor below 1300 KV will not fly the model with this prop, even indoors. I'm recommending a 2000 KV motor so it can be flown outside. At low power and into the wind (breeze) the model will pitch nose up and stop. Without air flow over the elevator it becomes useless. On the good side, the model will float all the way to the ground slightly nose high. The CG is correct, extensive testing by adding modeling clay to the nose gave the same results. Pick a very calm day and some tall grass to fly over. This unusual design comes with some quirks, give it a chance and it will reward you with some fun flying days.

Thanks SPARKY

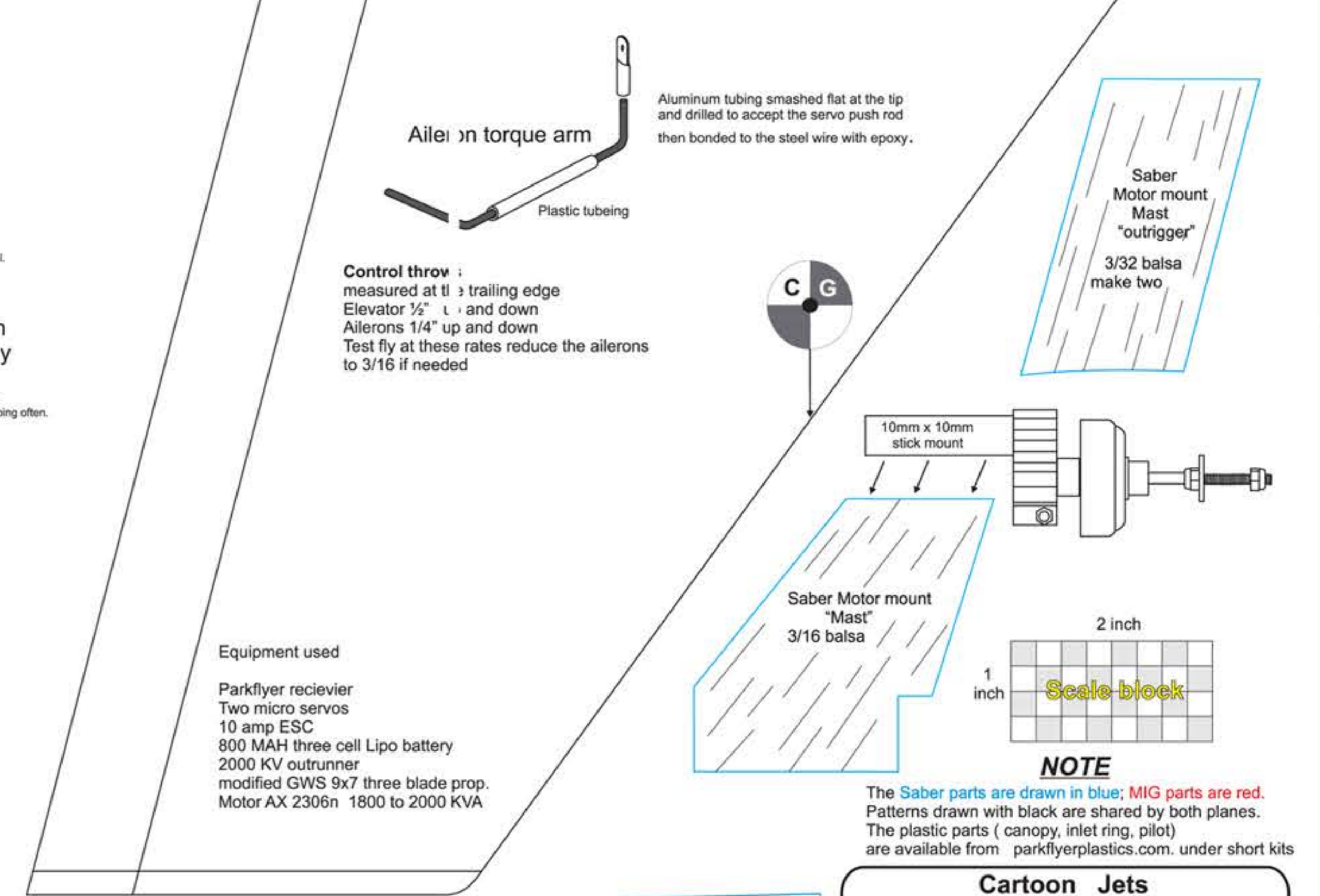
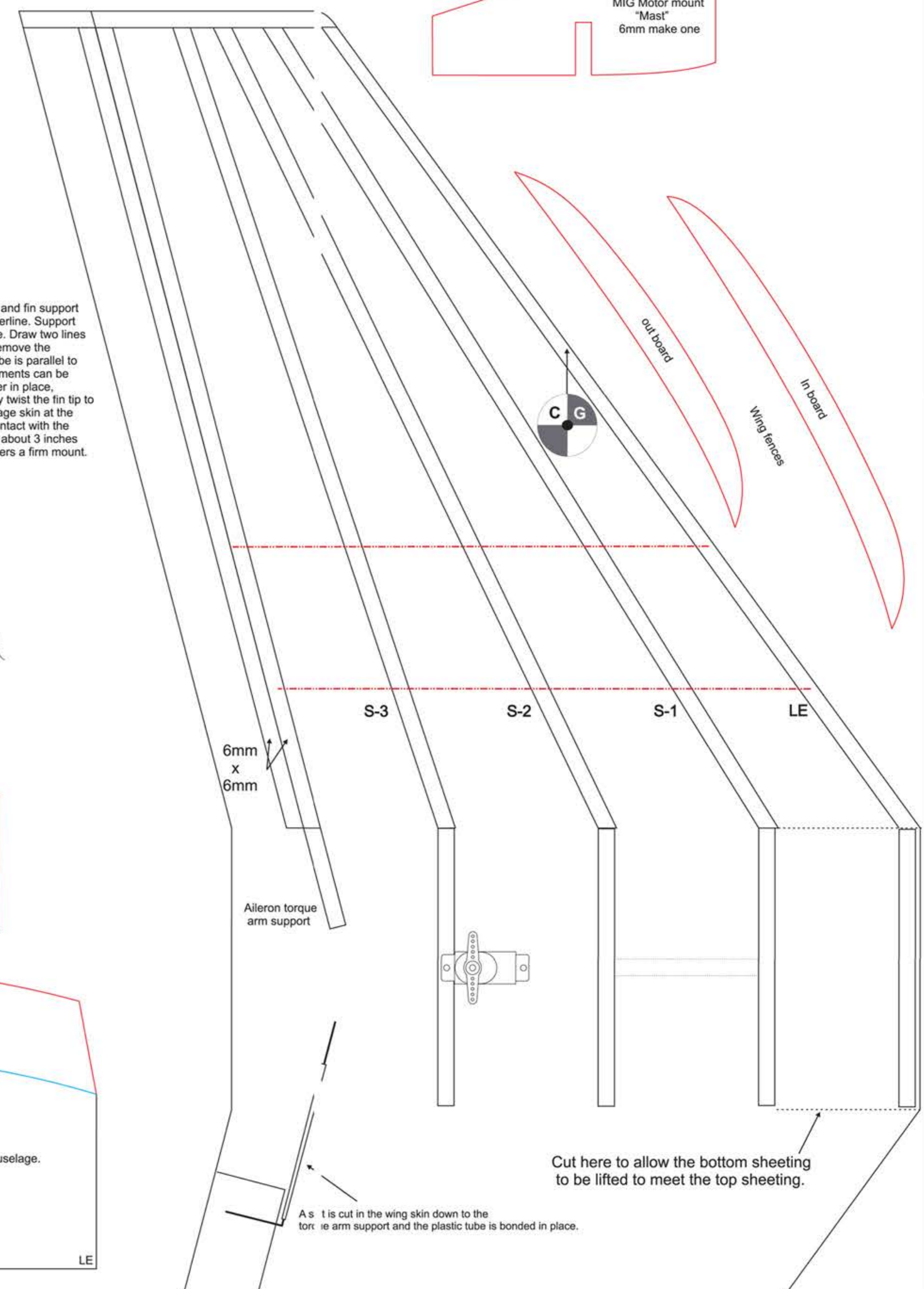
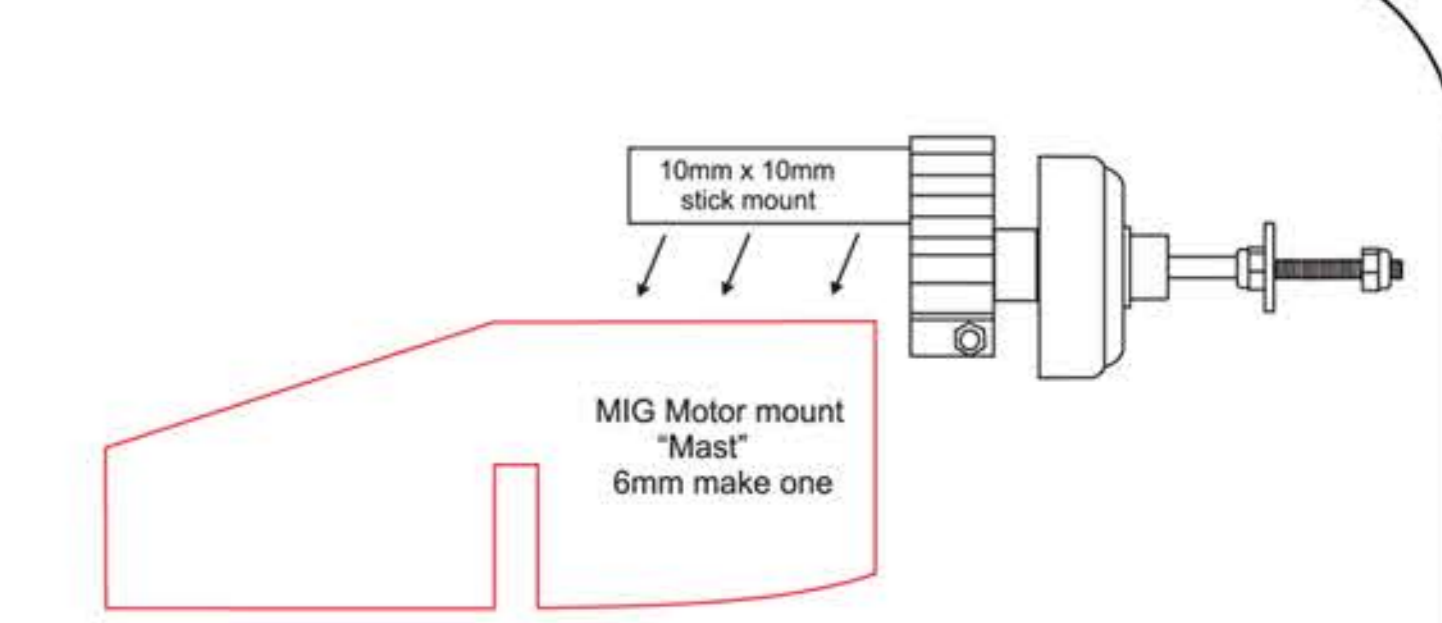


It has been suggested that making the hinge line straight would simplify the elevator arrangement requiring only one push rod to move the elevator. I believe it would work however the model will become more pitch sensitive, and it would also require a metal torque rod to couple the two surfaces.



Battery compartment

I'm leaving this up to the builder. I cut the belly open and used 3mm foam to build a battery tray on the bottom. The box extended into the model about half way into the wing just aft of the wing leading edge. This was deep enough to hide the three cell battery. In both models the motor mount was effected but the box actually made the mount stronger. If you are thinking that a servo patch will hold it on top of the wing and installation can be through the inlet. Consider a way to prevent the battery from coming loose and breaking the prop. Yep, that is experience talking. Keep in mind that both models build tall heavy, any changes you make should be toward moving equipment forward so the battery can be moved rearward. In any case the battery placement should be your last step



Equipment used
 Parkflyer receiver
 Two micro servos
 10 amp ESC
 800 MAH three cell Lipo battery
 2000 KV outrunner
 modified GWS 9x7 three blade prop
 Motor AX 2306n 1800 to 2000 KVA

NOTE
 The Saber parts are drawn in blue; MIG parts are red. Patterns drawn with black are shared by both planes. The plastic parts (canopy, inlet ring, pilot) are available from parkflyerplastics.com. under short kits

Cartoon Jets
 Designed and drawn by Keith Sparks
 Model type: Electric powered Ducted Prop, RC
 Specs: Span..... 27 in. length..... 24 in. weight..... 7.5 oz (no battery) wing area... 168 sq in.
 Construction type: Sheet foam / Real Fun Scale

Saber / Mig

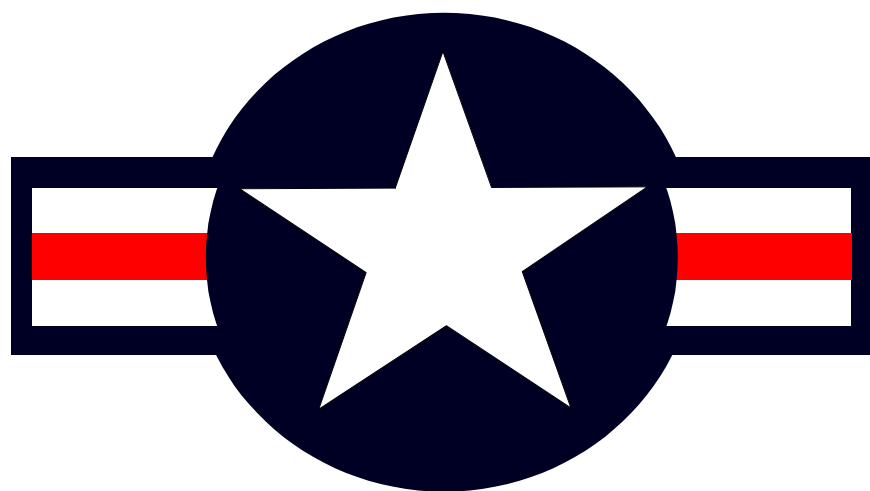
Saber / Mig

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