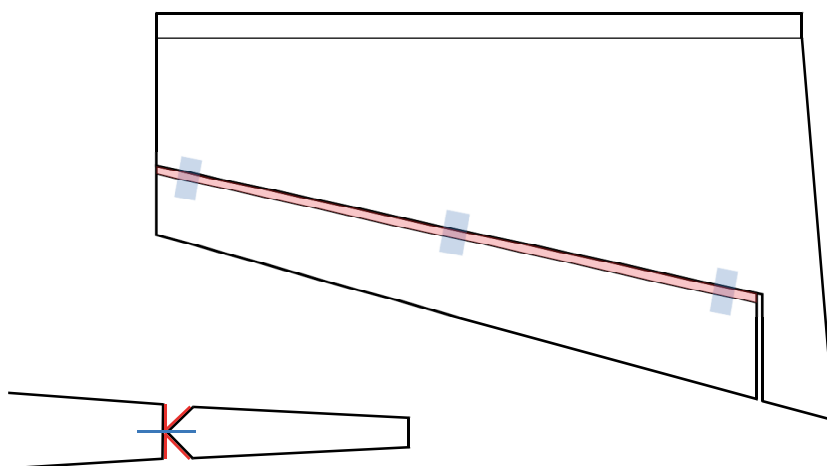
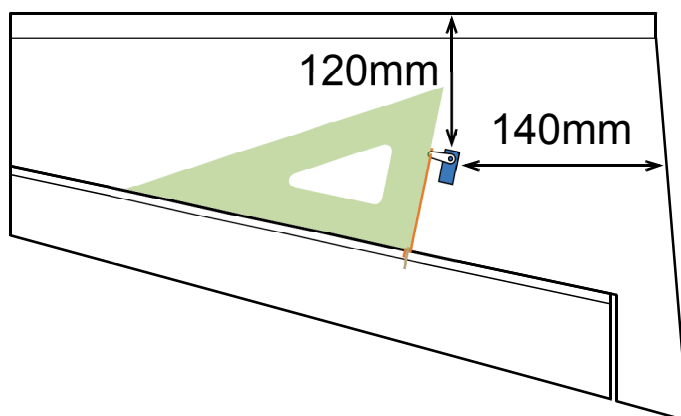


- 20** Hinge ailerons with plastic/polycarbonate and seal the hinge gap with half inch clear tape. All of the control surfaces on the Edge 540 are hinged in the same manner as the rudder of my Big Flat Ultimate. I am not going to go into any detail on hinging in this build guide. If you are unsure, please download the build guide for the BFU from the RC Groups forums.

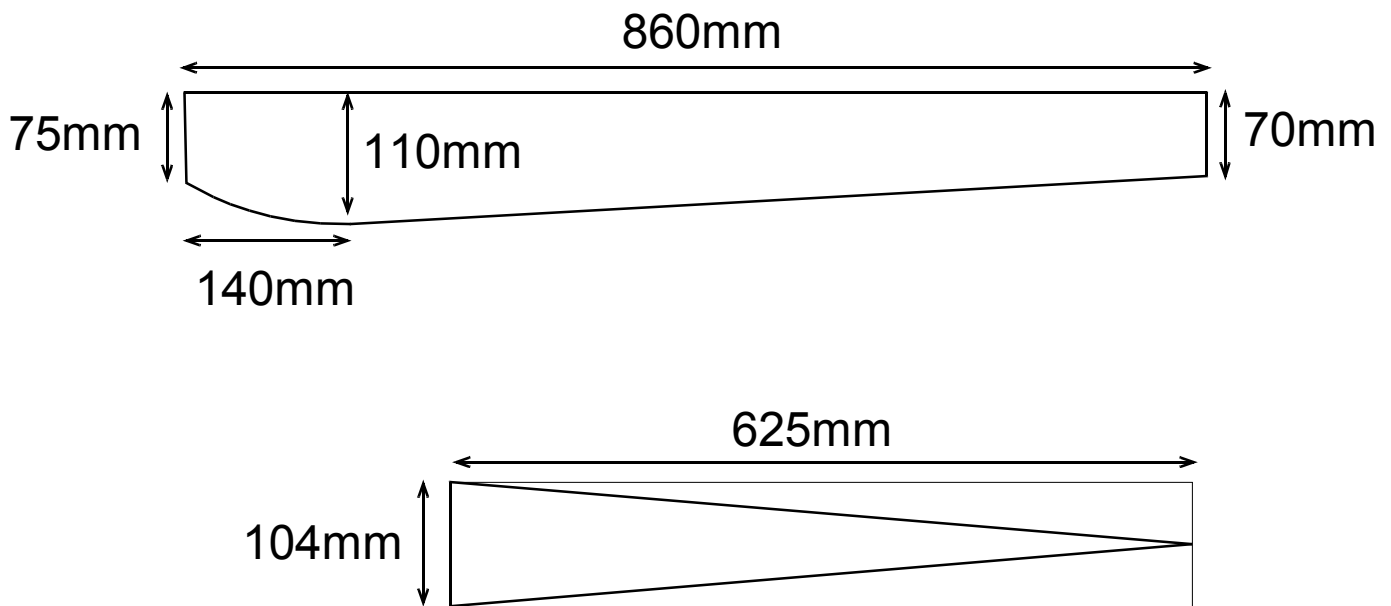


- 21** Now is a good time to fit control horns and servos to the underside of the wings. The position is not too critical, try to fit your servos perpendicular to hinge. The distance from the fuse depends largely on the length of the servo leads and whether or no you will use servo extension leads or not. Cut holes for the servos and glue them in with Pritt Power Gel.

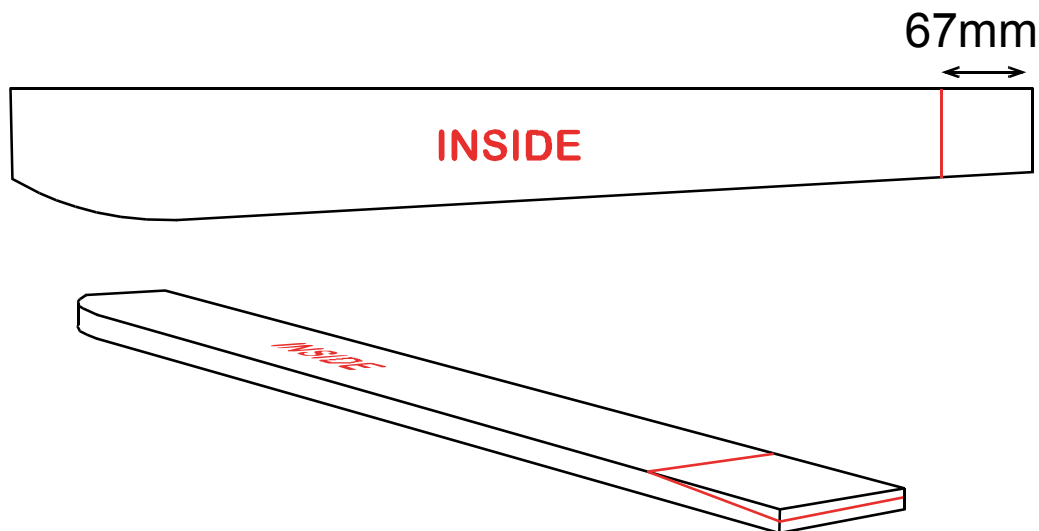


22 Fuselage

Cut out the two fuselage sides and bottom as follows.
Print page 12 to get the curve of the nose accurate.



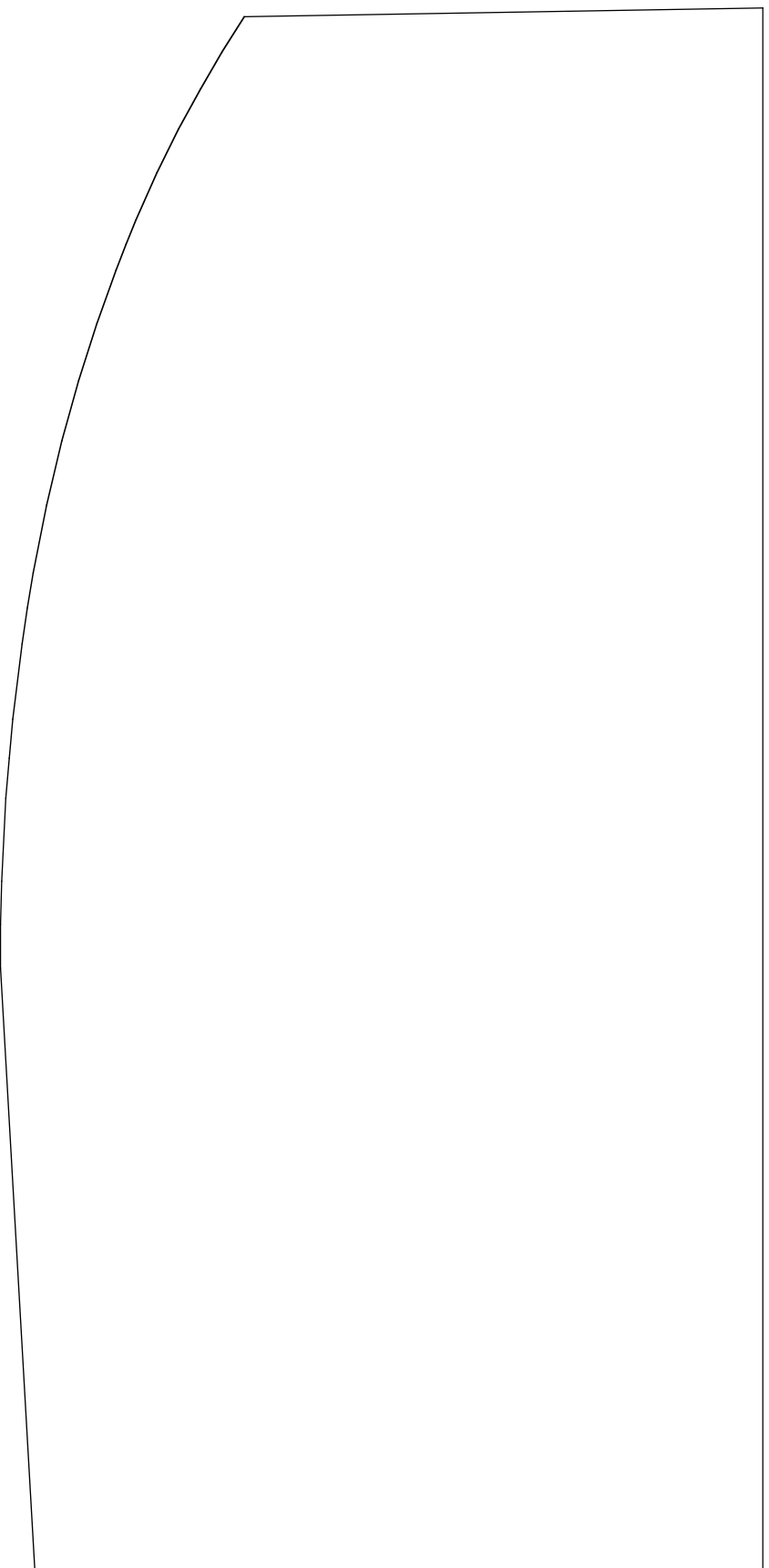
23 Cut a wedge off the inside tail section 67mm from the end and to the centre line of the tail, the same way the BFU fuse was cut.



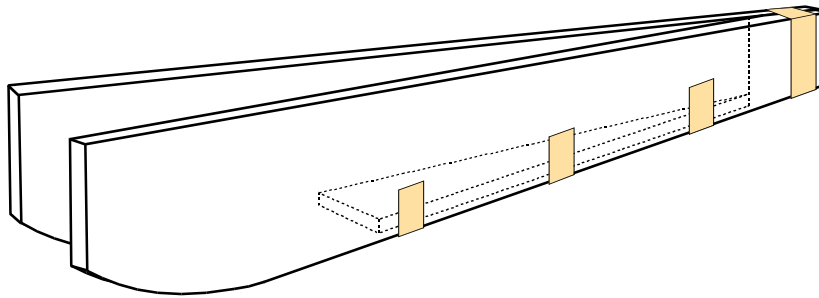
DemonGti's **EDGE 540**

Fuselage nose shape

Print this page and use it to get an accurate shape to the front of both fuselage sides.

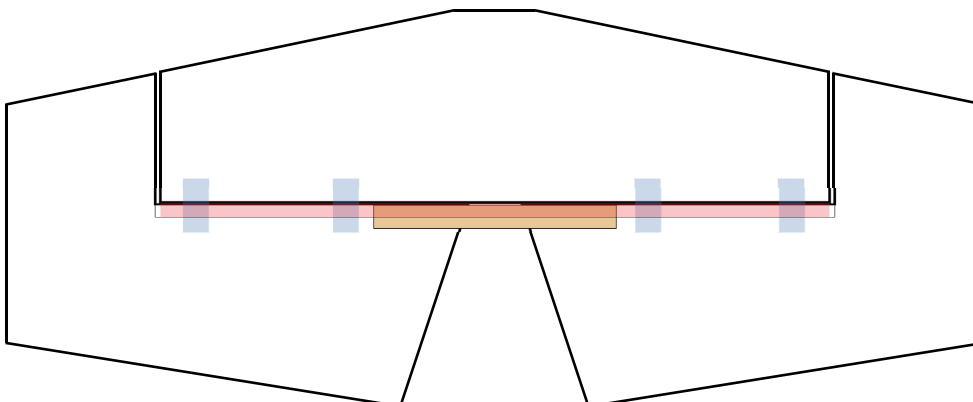


- 24** Glue fuselage tail ends together and secure bottom in place with PU glue. Make sure fuse is square, tape in position to cure.



- 25** Print out page 14, 15 and 16 and cut out pieces.

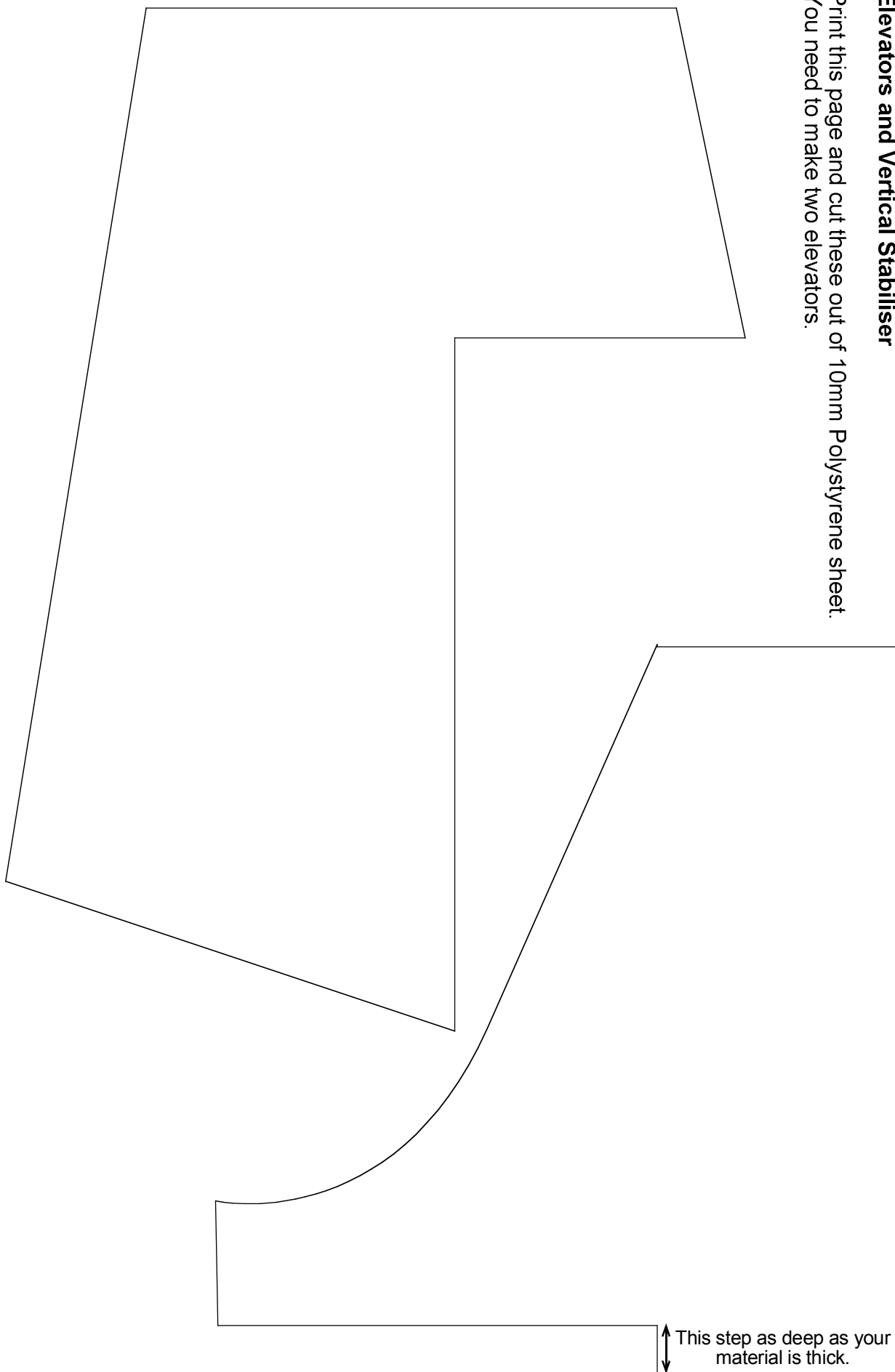
- 26** Assemble horizontal stabilizer and elevators. Bevel and hinge elevators the same way as the ailerons. Use a 10 x 10 x 80mm piece of balsa to join the two elevators.



DemonGti's **EDGE 540**

Elevators and Vertical Stabiliser

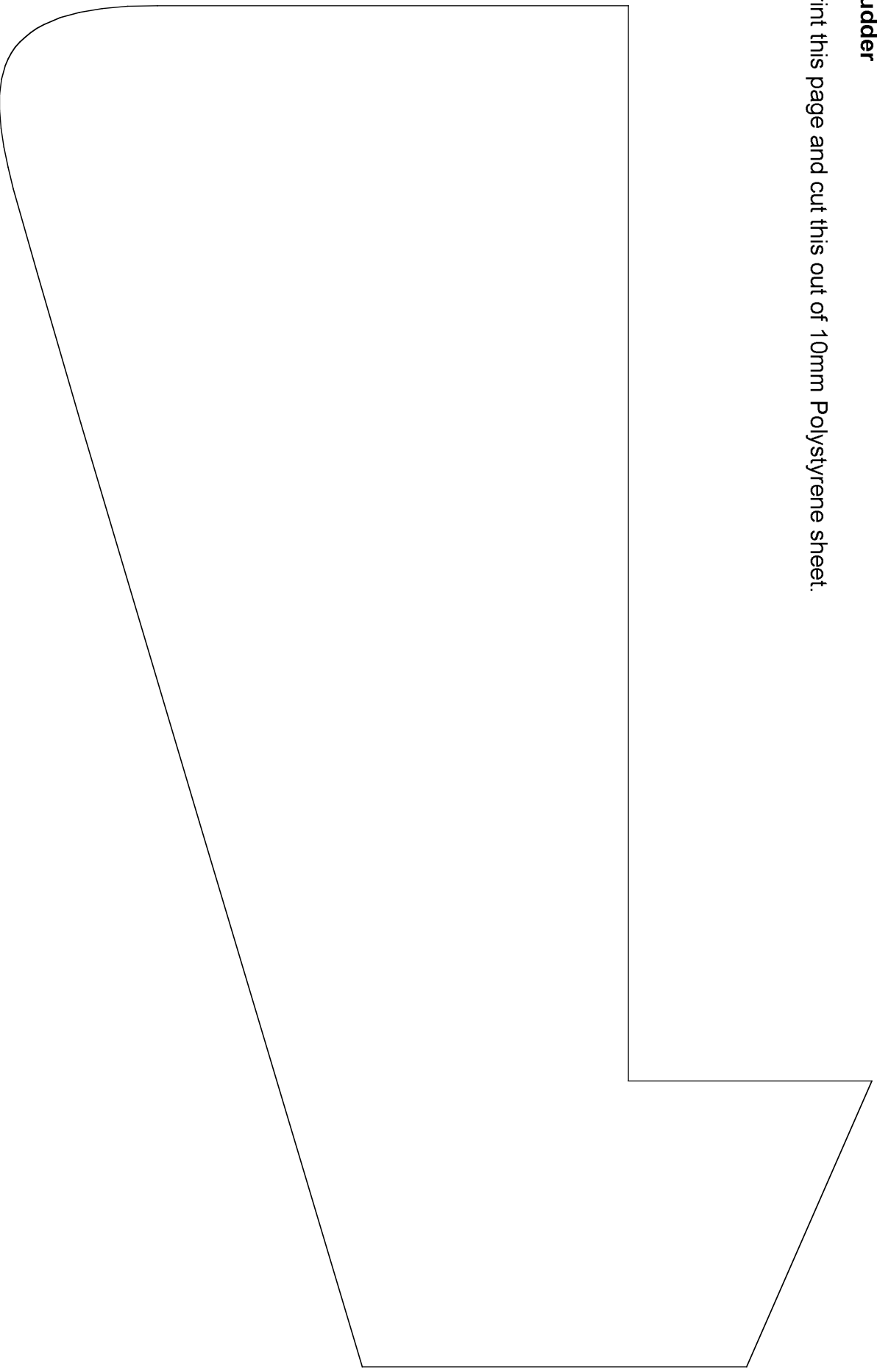
Print this page and cut these out of 10mm Polystyrene sheet.
You need to make two elevators.



DemonGti's **EDGE 540**

Rudder

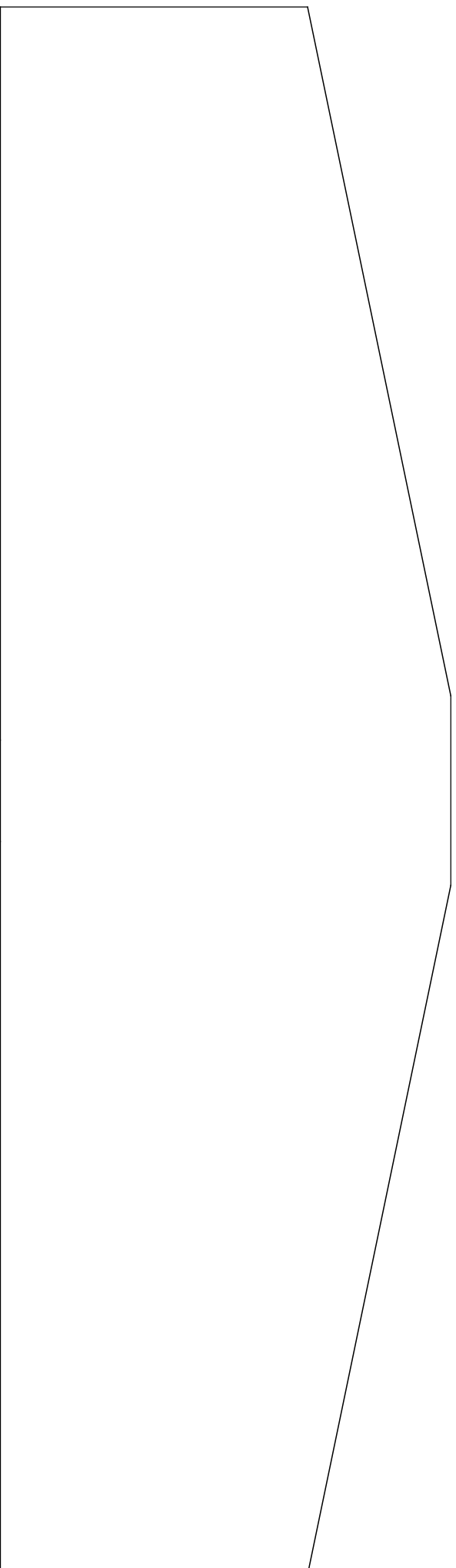
Print this page and cut this out of 10mm Polystyrene sheet.



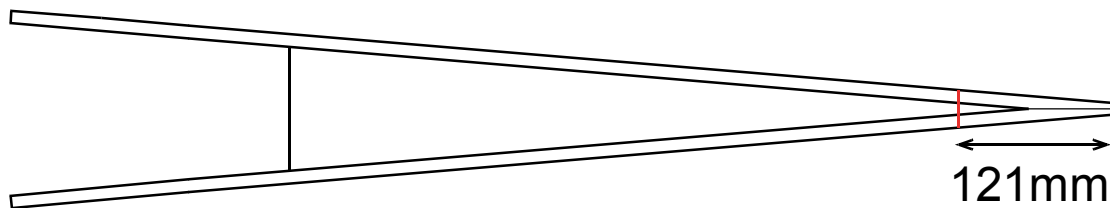
DemonGti's **EDGE 540**

Horizontal Stabiliser

Print this page and cut this out of 10mm Polystyrene sheet.



- 27** Cut out the seat for the horizontal stabiliser 121mm long from the tail of the fuselage. The depth must be accurate, as deep as your material is thick.



- 28** Now attach the horizontal stabiliser assembly to the fuselage with Pritt. Make sure it is centred and square with the fuselage. Use your 90° set square to check for squareness against the side of the fuselage.

