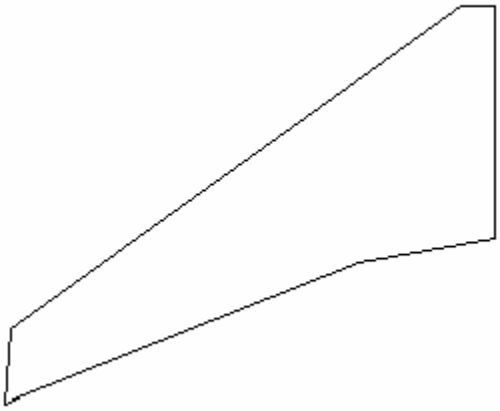
FUSELAGE-
BASE 6MM DEPRON,
FORMERS 6MM DEPRON,
SHEETING 3MM DEPRON,
FUSELAGE WING MOUNT & PLATES 3MM LITE PLY,
RUDDER 6MM DEPRON,
ELEVATOR 6MM DEPRON

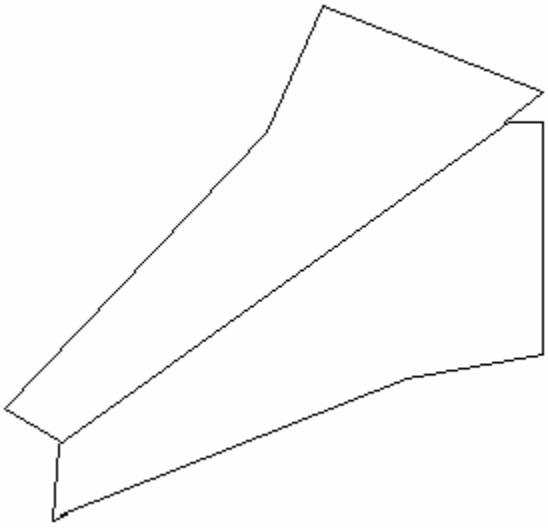
WING-
RIBS 6MM DEPRON
WING SHEETING 3MM DEPORN

INSTRUCTIONS FOR BOEING747

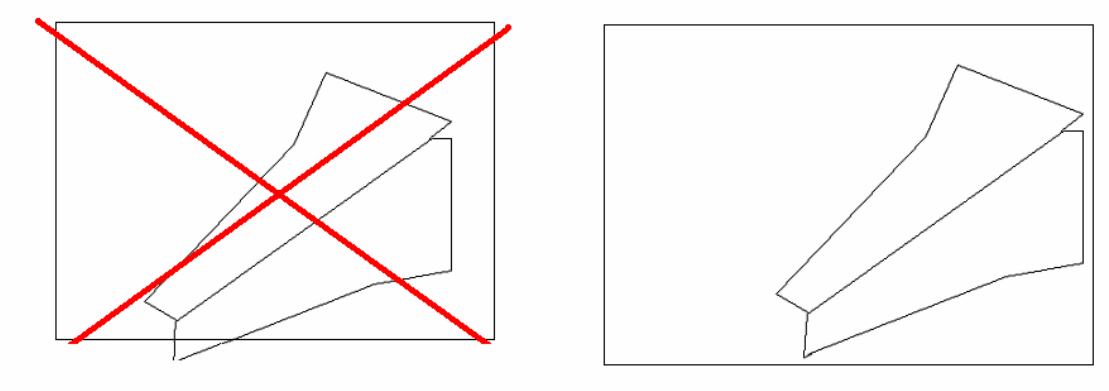
The wings, start by cutting a template of the wing from 3mm depron



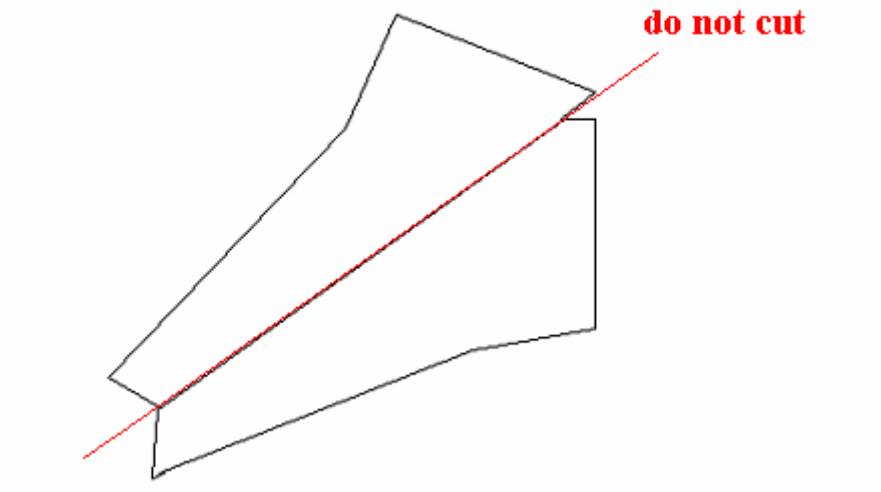
Trace this on to the depron but don't cut it out yet, then flip the template on to the leading edge, as so



Make sure you have left enough room to cut out the whole template of one piece of depron,

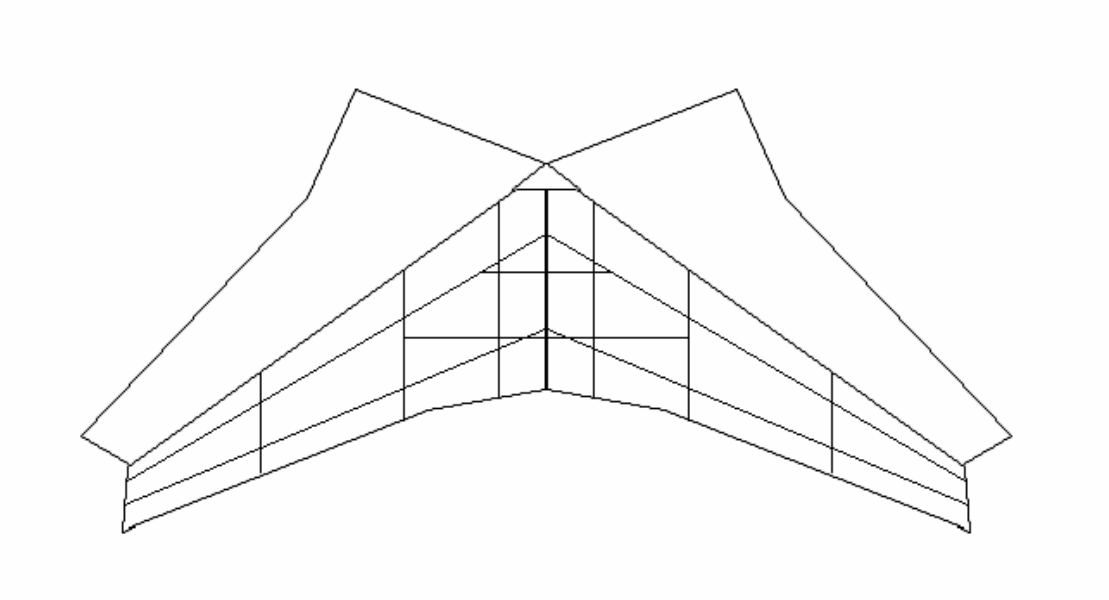


Cut the whole template out as one, DO NOT cut down the leading edge

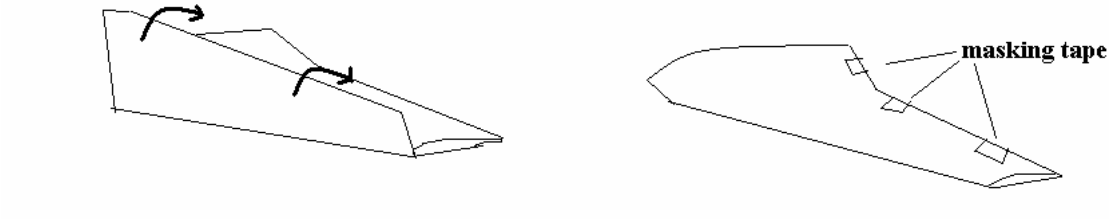


place masking tape down the leading edge, then take the back edge of a butter knife and place a ruler along the leading edge and score along the leading edge to create a like v shape. Leave the masking tape of till further into building the wing.

Next mark where all the spars, ribs, edf's and radio etc have to go, make a second template of the wing, and join the 2 templates together



Glue all the ribs in place with your preferred glue, once dry, cut out the spars and glue in place notching the ribs as required, Then add balsa to the sheeting where the engine pods will be notched into the wing, So when glued they will be rigid. Under carriage is shown, If using add ply blocks to w1 ribs for support, If not required leave out, Place all servo extension and leads for all motor wire in place then glue the 1.5mm play spars in place, Once dry place glue, On all the tops of the ribs and spars and fold the top sheeting of the wing over. Tape down and left to dry.



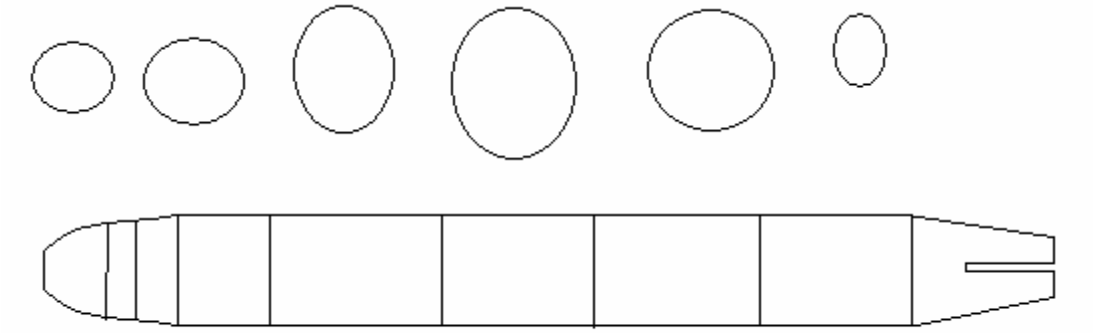
When dry remove all the masking tape. Cut out the holes for where the edfs will be placed.

Next to be made is the engine pods, if using edfs as to power your plane use the fan as template for how large you pods will be. Or if using pusher props a you power find an shaving foam can as your template cut out the templates in deporn place in a bowl of hot water for 20 seconds take out and rap around the can/fan leave to dry, once it has dried trim and glue together. Trace the connection piece between the pod and wing cut out and profile as an airfoil glue to the pod, you can choose whether to add the out let of the engine.

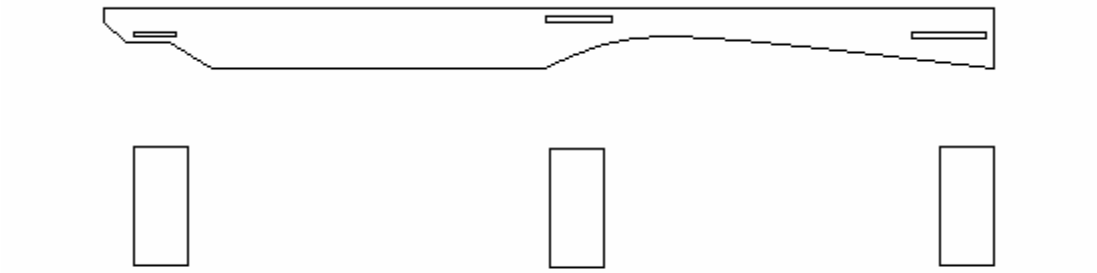
Install the fan/ motor mount connect the wiring and glue to the wing, watching for alignment. Install servos and control rods and control horns, hinge ailerons/flaps optional). Glue in place test for free movement. The wing is finished for the moment

THE FUSELAGE

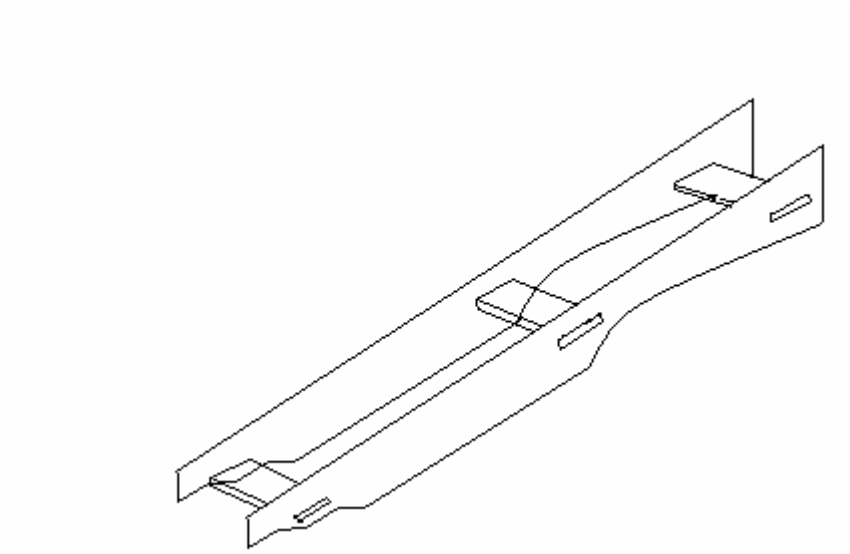
First, start by making a template of the fuselage centre base on the plan indicated by the triangles. Cut this out of 6mm depron, and mark the postions of all the formers both sides. then cut out all the formers as shown on the plan.



Glue on to the base F1, F2, F3, F4 and F5. Then begin to sheet the fuselage with 3mm depron in 6mm widths, as to keep a curved fuselage that easy to sand, the cockpit is a block of foam sanded to shape or layers of depron sanded to shape. Once complete, turn the fuselage upside down. Cut out the ply template, wing plates and front steering plate..



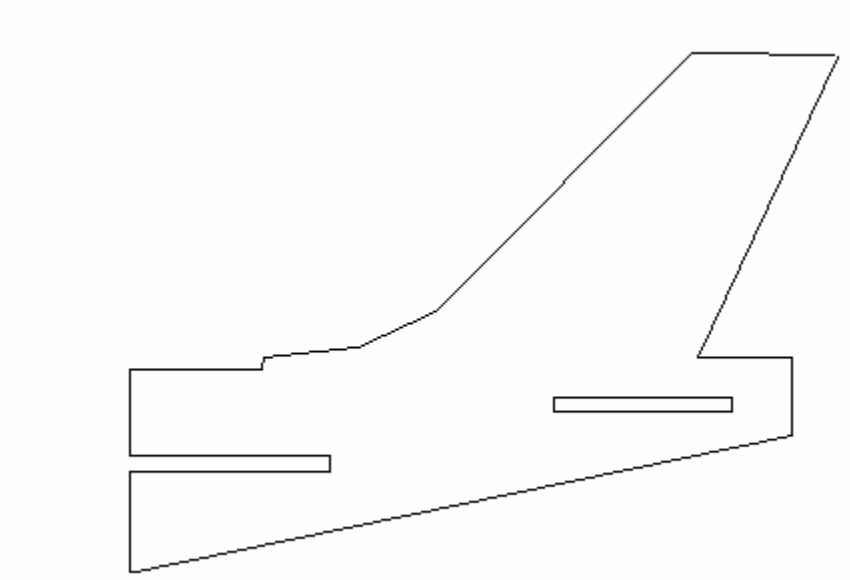
And glue together



now glue the complete assembly on to the upturned fuselage, now repeat the above steps with formers F1a, F2a, F3a, F4a and F5a. but notch each former as required around the wing plate assembley Repeat the sheeting process.

THE TAIL

From the side view of the fuselage cut out a template of the tail area indicated with the triangles.



Glue the formers F6 on to the tail piece. Now slide this on to the fuselage and glue in place. The servos are place in the tail area; you may wish to install pushrods. This is your choice. Make this diction and run the extension leads (if necessary) in place. Cut out the elevator from the plan. Glue together with the dihedral as plan. Then sheet the tail area, Glue the nose and tail blocks on and sand to finish.

INSTALL RADIO AND PAINT


virgin atlantic