

CorroFouga Aileron - 3mm Correx make 2

Correx flutes

750

CorroFouga Tip Tank 3mm Correx - make 10

Trim upper wing to suit after gluing

Correx flutes

Leading edge bend line

CG Location
80mm from leading
edge at wing root

8mm spar 820mm long - overhang 10mm at wingtip for mounting tip tanks

CorroFouga - Right hand wing 2mm Correx (left wing mirror image)

800

CorroFouga Rear Fin 3mm Correx

110°

Bend V-Tail after inserting wires to 110° as shown.
Total length of each reinforcing wire is 300mm.

Wire reinforcement inside Correx bent after insertion

Correx flutes

Bend up 55°

Bend up 55°

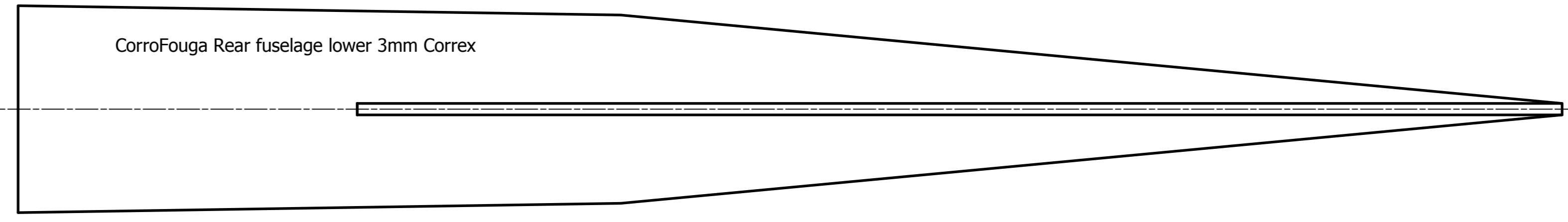
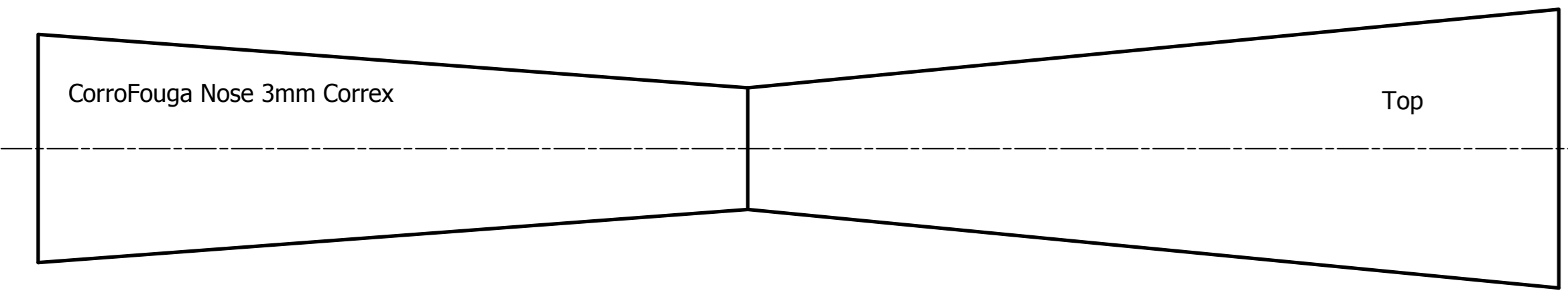
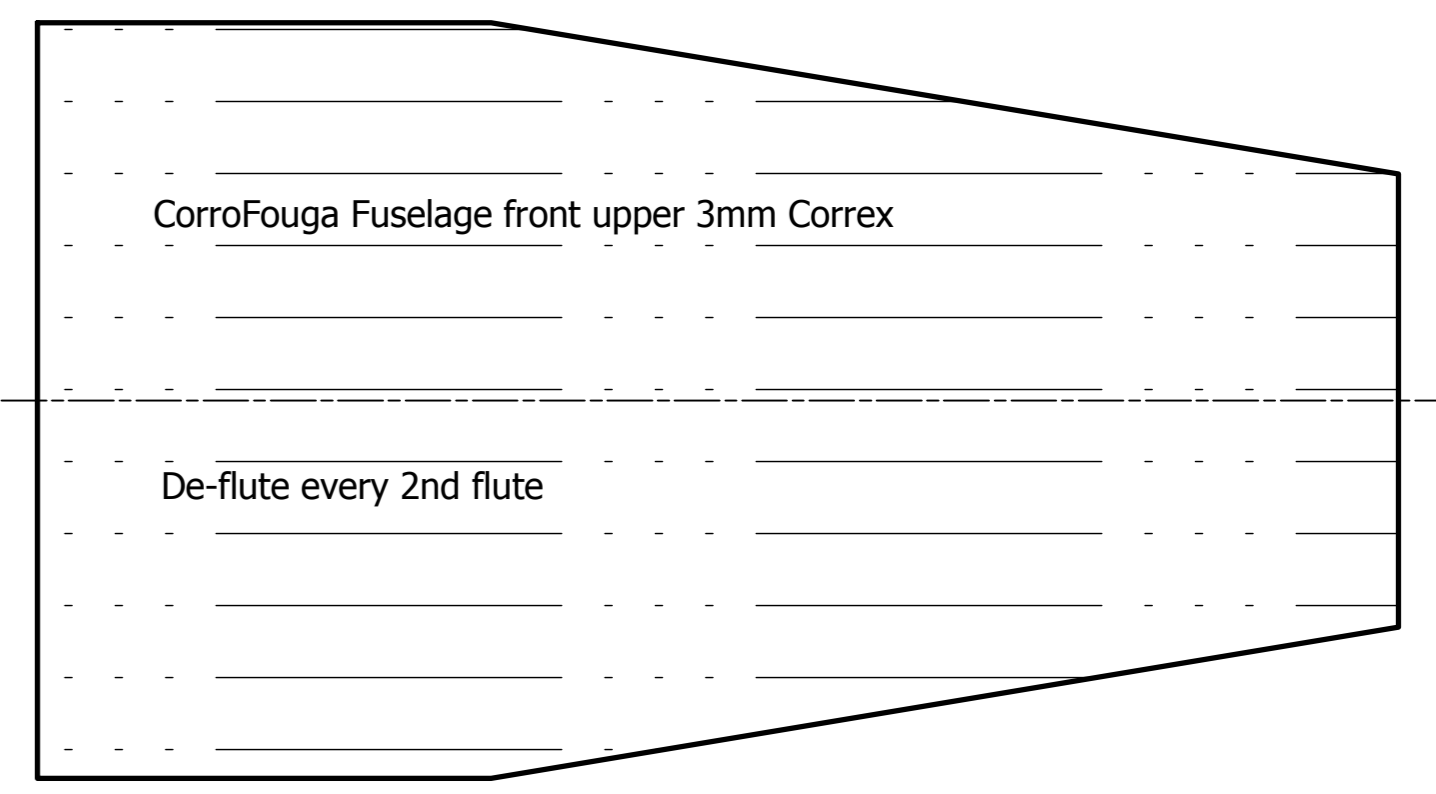
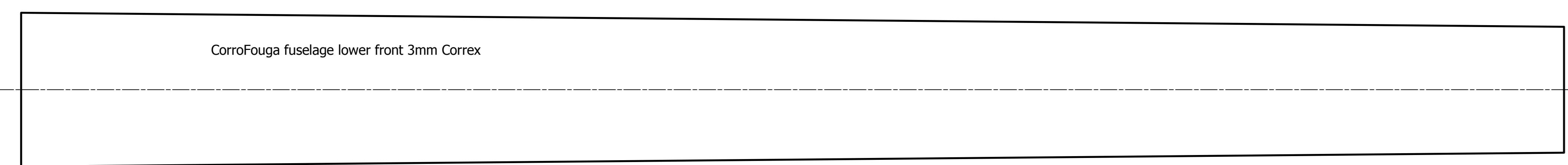
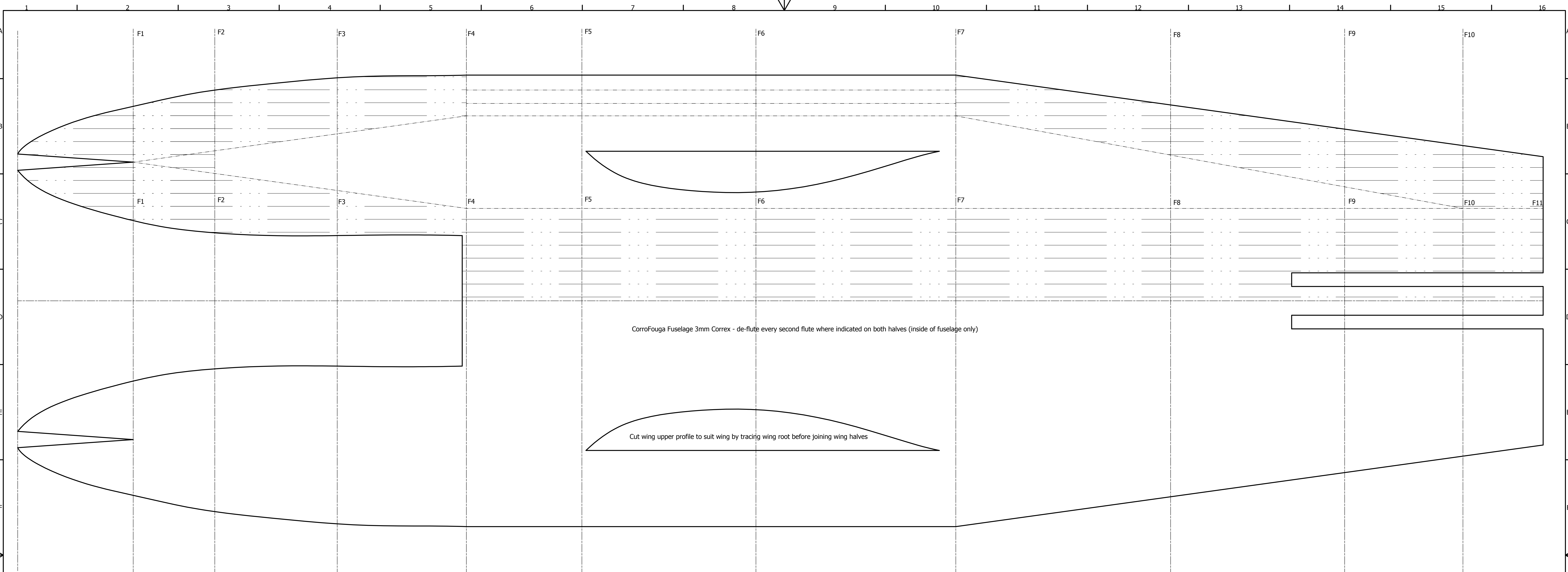
CorroFouga V-Tail 3mm or 3.5mm Correx

600

General Information:
CorroFouga is based on the Fouga Magister CM170, a French two-seat jet trainer built in the 1950's and recognisable by its distinctive V-tail. This design based on the design work done by Jim Baggle for the Correx Impala and adjusted to suit the scale appearance of the Fouga Magister. This plan is plotted on an A0 sheet and must be printed full size (1:1 scale).

- Build Notes:**
- 1) Main wing spar length = 820mm, made from 8mm wood 25mm thick at root and 10mm at tip with 10mm overhang for tip tank location.
 - 2) V-Tail incorporates 2 piano wire reinforcements within the flutes, bent to 110° V-Tail angle after insertion. Mid section of tail is flat for ease of mounting to fuselage.
 - 3) Wing dihedral = 60mm on each side (120mm with one wing flat)
 - 4) Use contact adhesive to glue wing halves together, as well as to glue wing spar to wing upper half to prevent kinking of correx with heat.

Designed by Trevor Stroud	Checked by	Approved by	Date	Date 2013/10/24
Correx Fouga Magister WS 1600mm, OAL 1130mm			CorroFouga PSS Slope Soarer	
			Edison	Sheet 1 / 2



- Build Notes:**
- 1) Make 2 of each former with Correx flutes orientated at 90° and glue together
 - 2) Fuselage upper and lower closing pieces need to be trimmed to suit sides
 - 3) Canopy moulded with applied heat from 2L soft drink bottle over suitably shaped wooden former
 - 4) Wings glued in place after pulling servo wires through fuselage (run wire through holes in formers before closing up fuselage to facilitate pulling servo wires through to nose)
 - 5) Front of canopy removable to access electronics, battery etc.
 - 6) Program transmitter with V-Tail function to allow use of elevator and rudder control
 - 7) Jet engines can be added by sanding 20mm foam to shape and covering with vinyl

