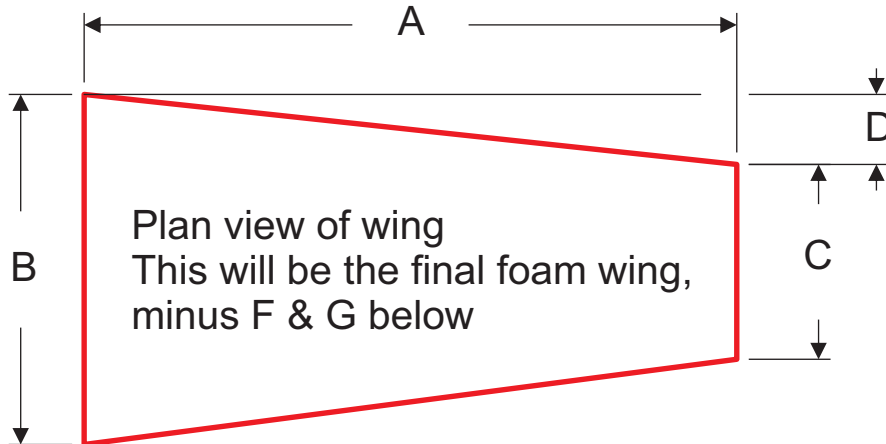


Required dimensions for custom foam wing.

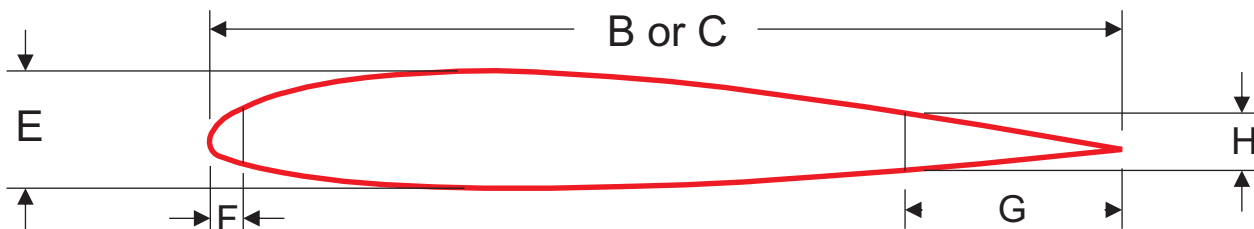
If any questions, contact info@eurekaaircraft.com

Emailing us a full size (1:1 scale) .PDF or .DXF file of your plans, is always the easiest way. Paper plans via mail will not be accepted, we have no local access to scanning plans.

If plans are not available, provide these specs:



- A = Panel Span (foam only, not with any wood tip)
- B = Root Chord, including LE and TE/Ailerons, if possible
- C = Tip Chord, including LE and TE/Ailerons, if possible
- D = Sweep Back, Negative is forward swept wing, Zero if 'straight' LE.



- E = Profile at thickest point
- F = Thickness of LE material, if any.
- G = Thickness of TE material, such as wood TE and Ailerons
- H = (optional) Thickness at cut of TE. If you want this to be a particular value, to match your TE wood, give this value. If it doesn't match actual airfoil dimension, the profile TE will be modified slightly to match.

Airfoil profiles, including LE and TE, if available, Both Tip and Root, if they are different. For a constant chord wing they are the same. This can be either a full size .DXF Cad file of the airfoil, or the airfoil name from the airfoil database. These should be given without sheeting. Be sure to let me know if it includes sheeting, and how thick of sheeting to compensate for.

If you want a round LE to wrap sheeting around, or you want to cut the ailerons out of foam, give 'zero' for F or G. If you want to put a small piece of balsa at TE to prevent hanger rash, but still cut the ailerons out of the foam wing, give that dimension for 'G'.

Be aware that if sheeting is compensated for, actual foam wing will be smaller than the specs given, but will be proper size once sheeted.