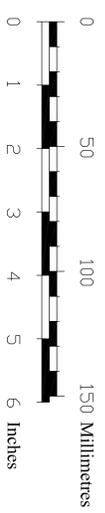


Index+

Aerobatic plane

Designed by Aidan Healy

"Index" Scaled to 1070mm span as requested by "RV6-A"



Eyelets for bracing with kevlar thread

The vertical and/or horizontal parts of the cruciform fuselage must be cut to allow them to be joined. Different methods can be used to accomplish this so I have not shown a specific method.

Depron laminations to reinforce motor mount

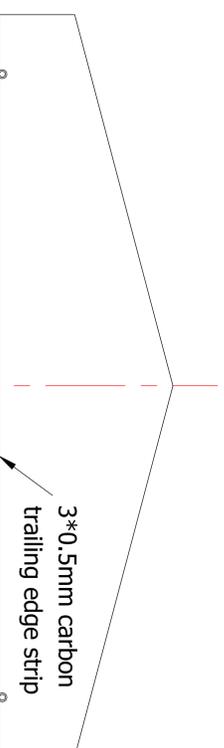
Horizontal fuselage profile is located above the datum line

The 3mm depron leading edge laminations on top of the wing stop at the horizontal fuselage.

3*0.5mm carbon trailing edge strip

The laminations on the bottom surface pass through the fuselage. A scarf joint is used to avoid weakness at the centre as shown. I haven't drawn the laminating strips separately since it's easiest to mark their position on the wing, glue on an oversize strip and then trim to the leading edge.

This plan is a scaled version of the plan for the Index indoor plane (900mm span). Construction notes are as per the original. Drawn material dimensions are scaled and no longer accurate. The construction method and materials should be modified for the larger size as appropriate.



10*0.1mm carbon ribbon

