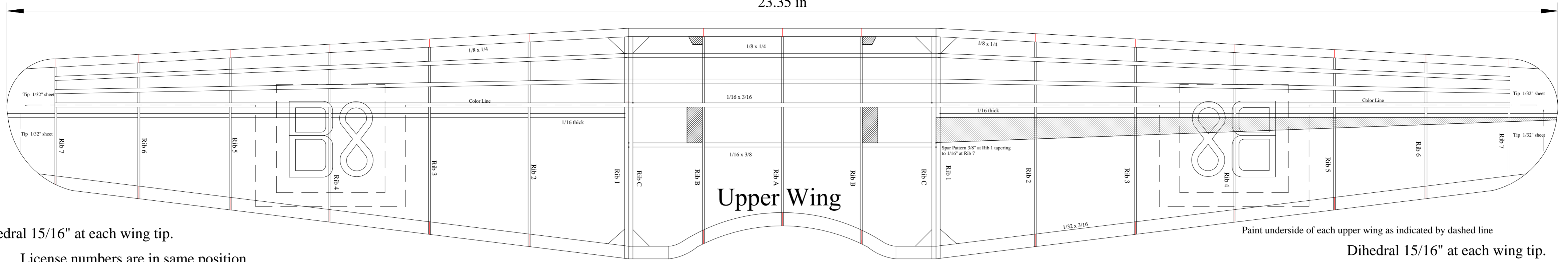


23.35 in

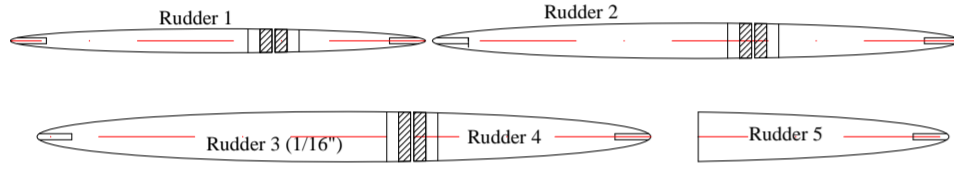
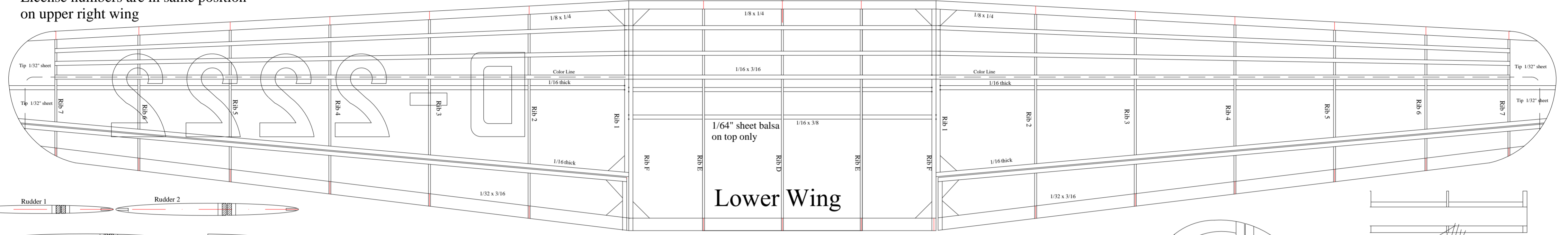


Dihedral 15/16" at each wing tip.

License numbers are in same position on upper right wing

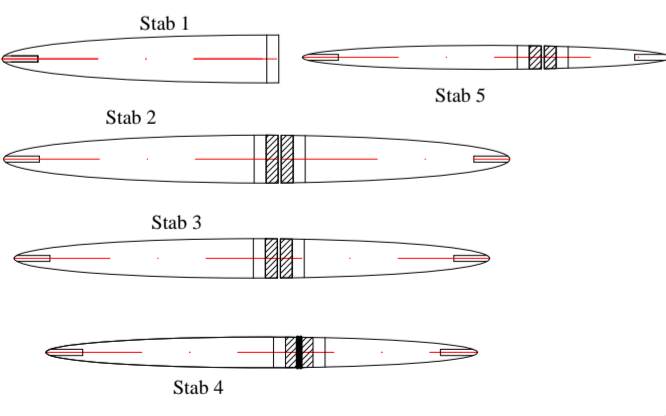
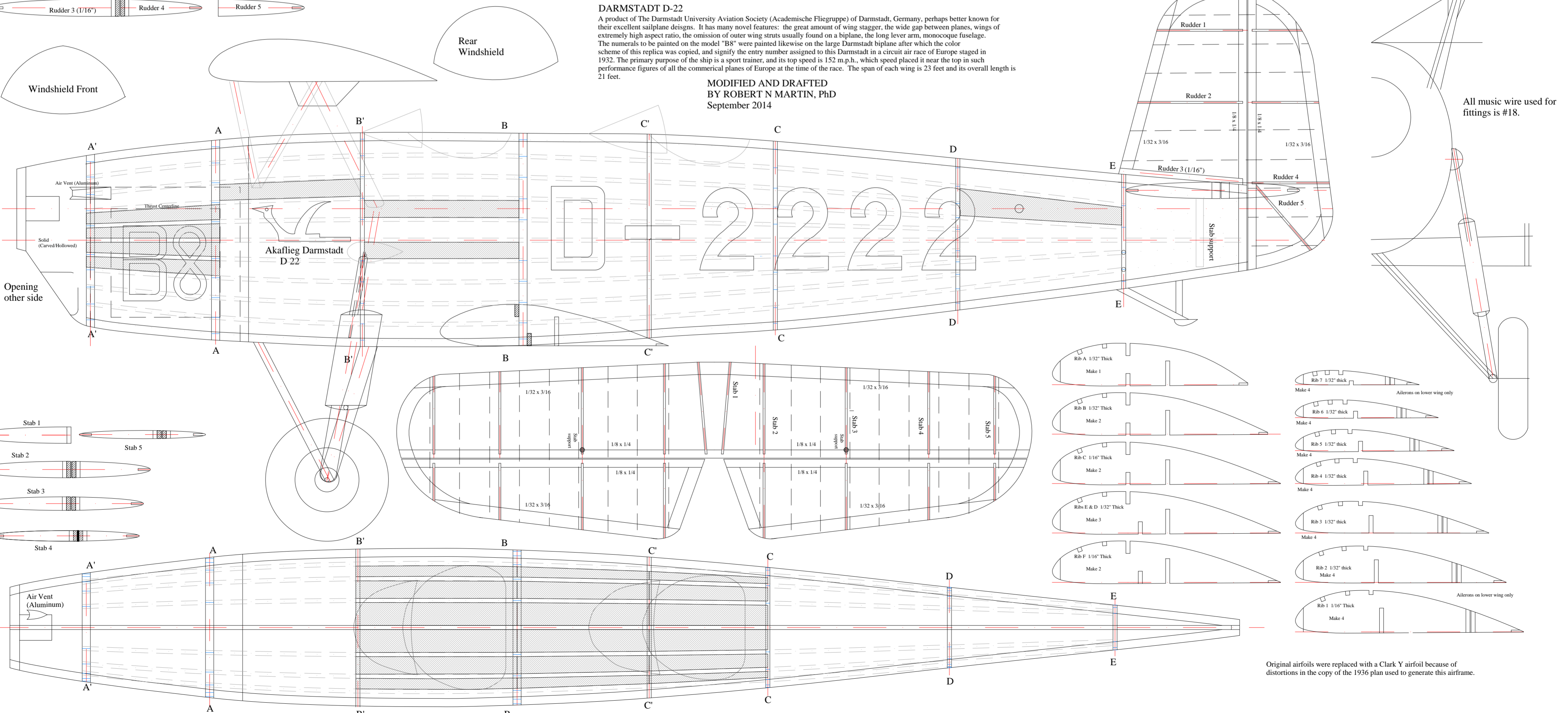
Paint underside of each upper wing as indicated by dashed line

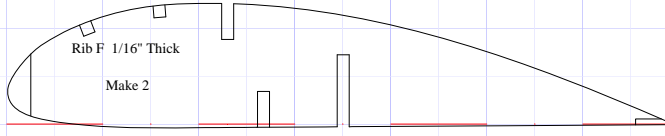
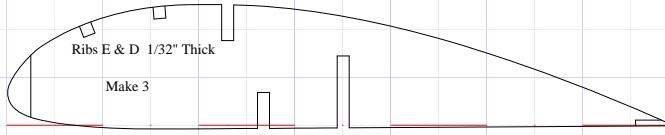
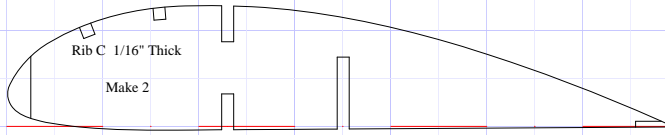
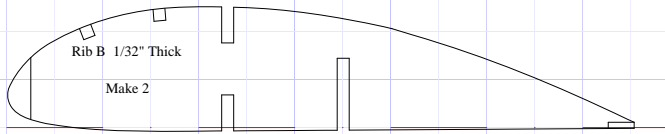
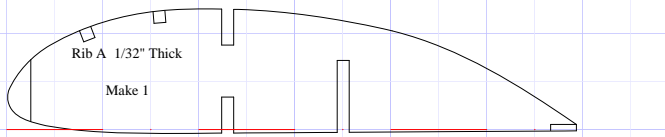
Dihedral 15/16" at each wing tip.



**DARMSTADT D-22**  
 A product of The Darmstadt University Aviation Society (Academische Fliegergruppe) of Darmstadt, Germany, perhaps better known for their excellent sailplane designs. It has many novel features: the great amount of wing stagger, the wide gap between planes, wings of extremely high aspect ratio, the omission of outer wing struts usually found on a biplane, the long lever arm, monocoque fuselage. The numerals to be painted on the model "B's" were painted likewise on the large Darmstadt biplane after which the color scheme of this replica was copied, and signify the entry number assigned to this Darmstadt in a circuit air race of Europe staged in 1932. The primary purpose of the ship is a sport trainer, and its top speed is 152 m.p.h., which speed placed it near the top in such performance figures of all the commercial planes of Europe at the time of the race. The span of each wing is 23 feet and its overall length is 21 feet.

MODIFIED AND DRAFTED  
 BY ROBERT N MARTIN, PhD  
 September 2014



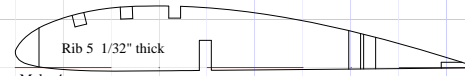


Make 4

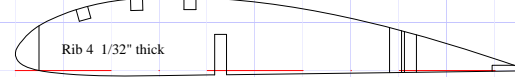
Ailerons on lower wing only



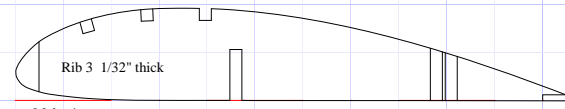
Make 4



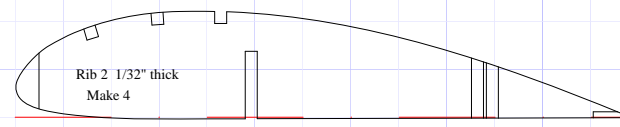
Make 4



Make 4

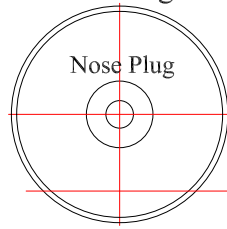


Make 4

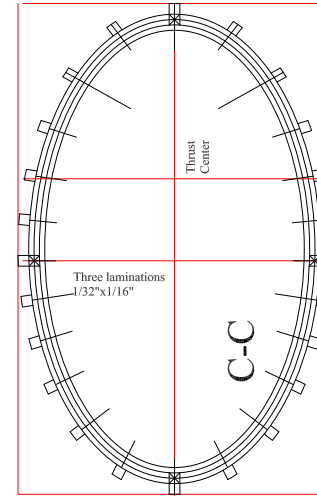
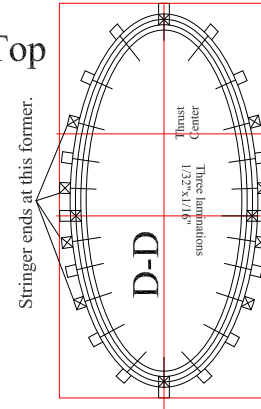


Ailerons on lower wing only

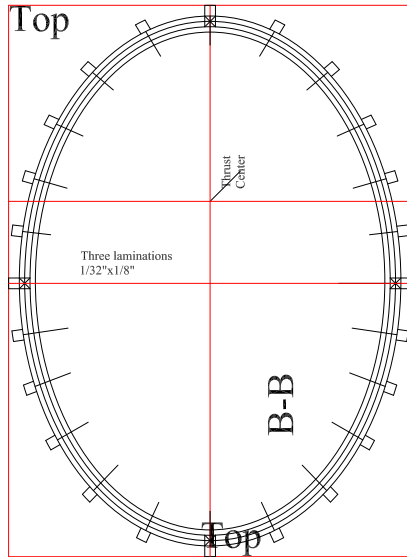
Top, bottom, and side longerons are 1/16 by 1/8 balsa that are notched at 1/32" depth and appropriate width at former locations. Formers are also notched 1/16" wide by 1/32" depth at these locations longeron locations. All other stringers are 1/16 square.



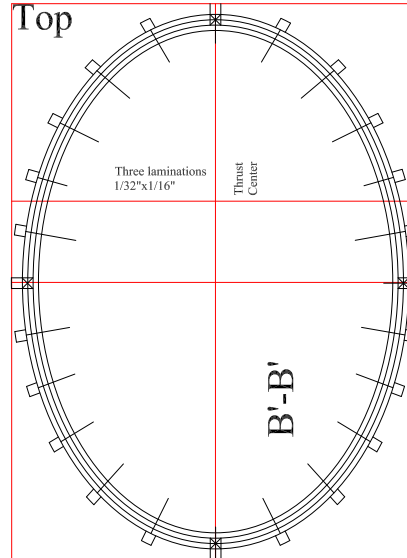
Top



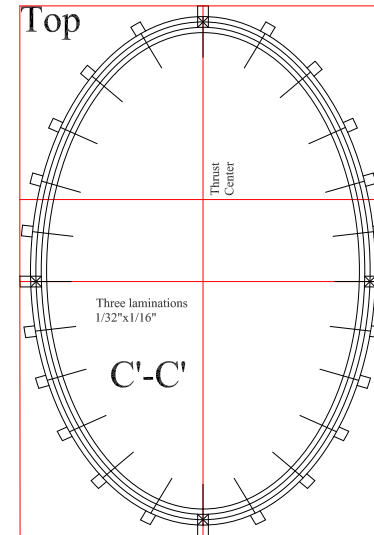
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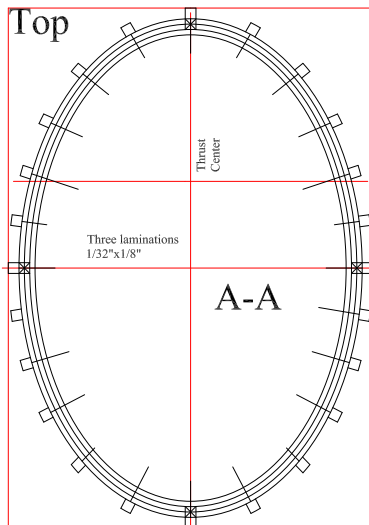
Top



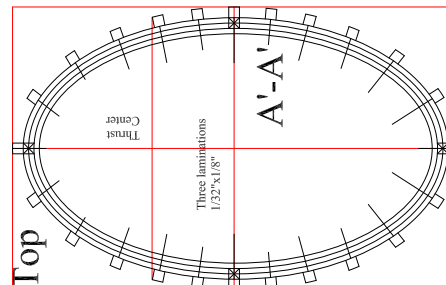
Top



Top



Top



Top

