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3/4



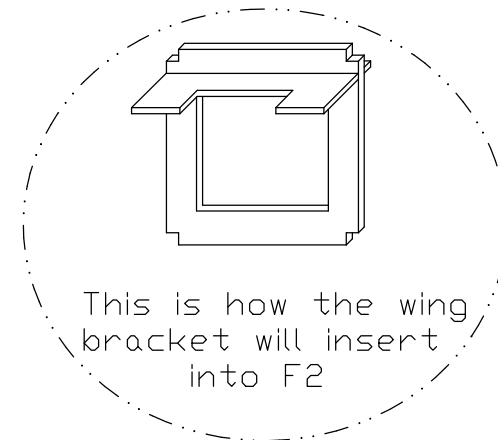
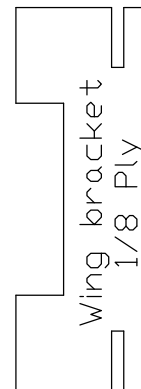
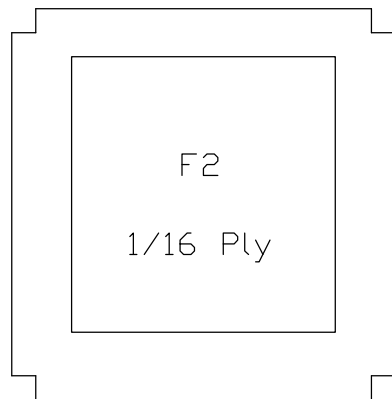
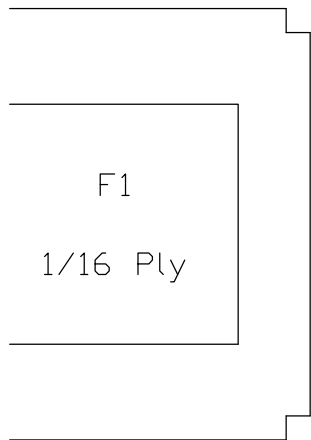
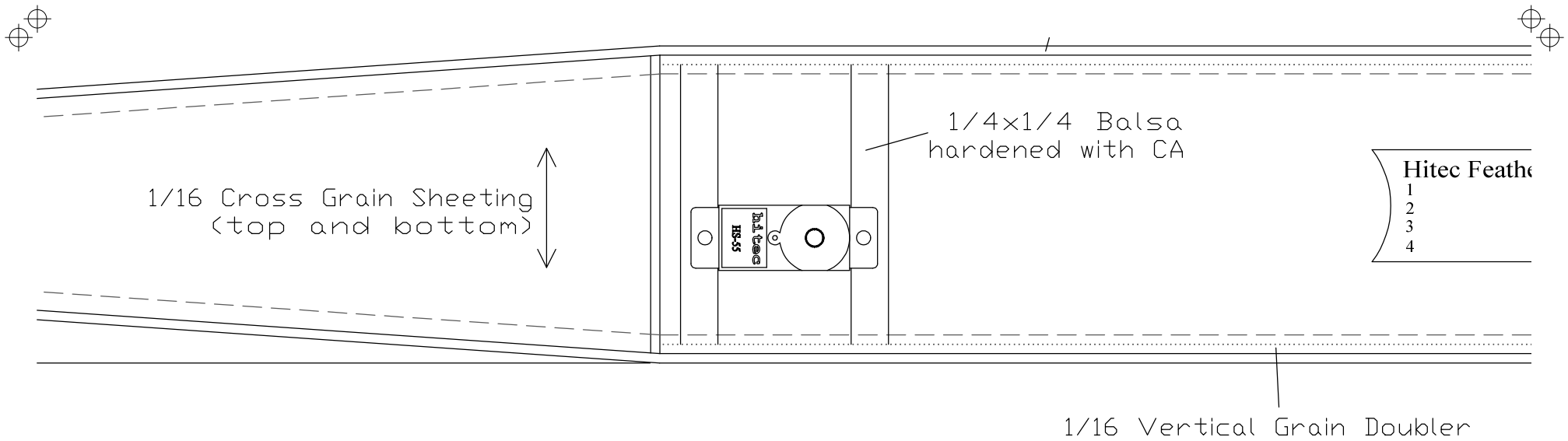
1/8 Balsa Sheet Grain



Firewall

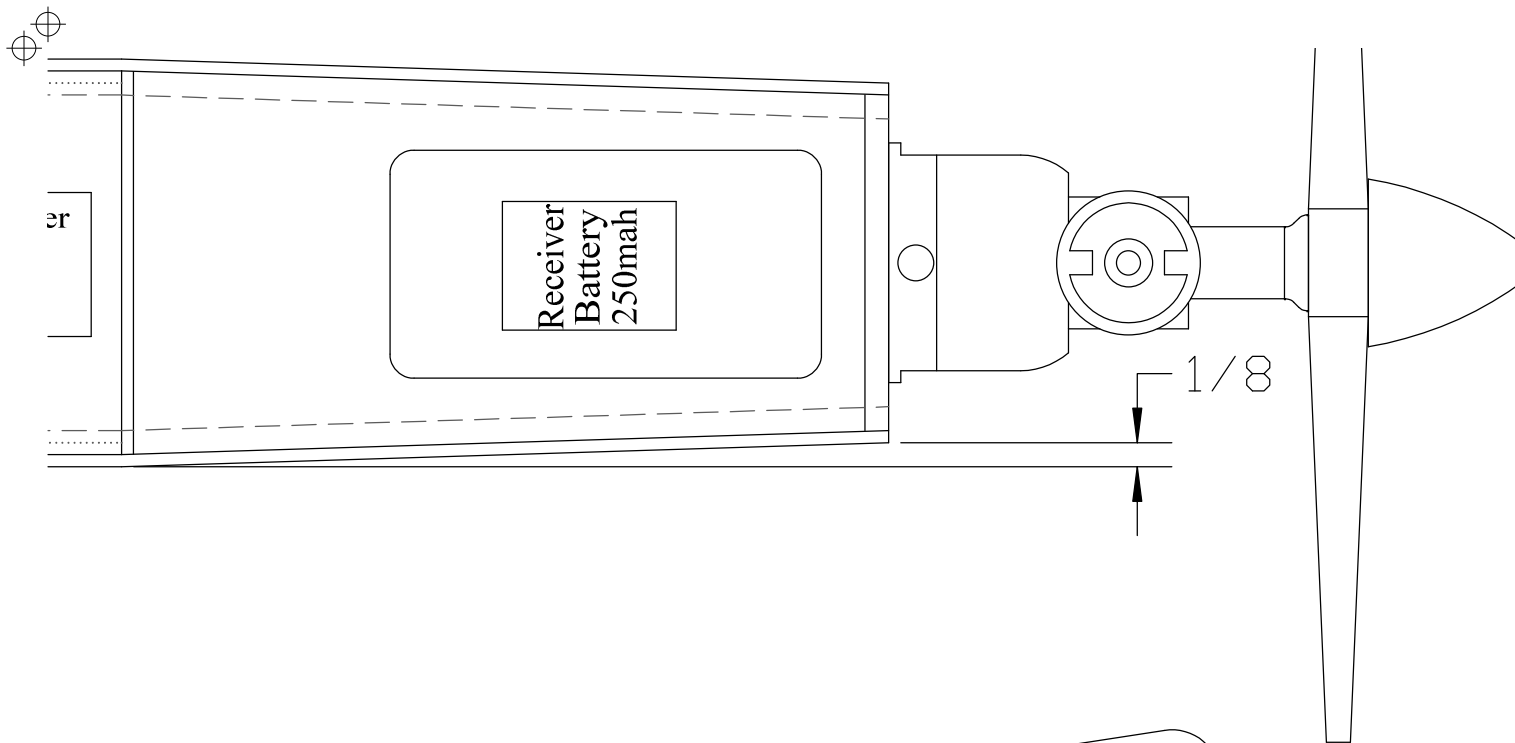
1/8 Ply

Thanks to:
Andrew Donatelli for the bubble b
William Crane for the epoxy bearir

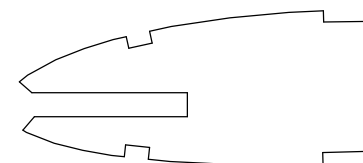
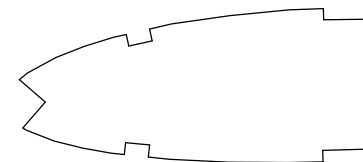


ottle tank
g ailerons

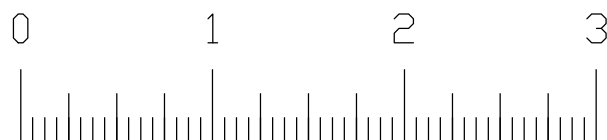
WWW.ULMER-RC.C



The two ribs I
are used ur
The eight ribs



2 - 1/8 Balsa



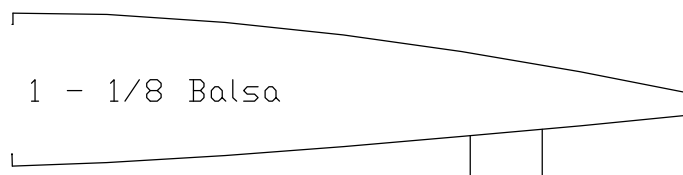
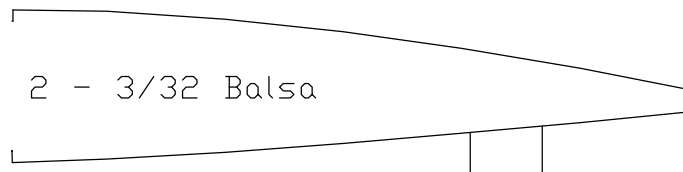
OM

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Power Source
Wing Area - 1
Wing Span - 3
Length - 23"



below and the center rib
under the center sheeting.
above are the outboard ribs.



Use these two short ribs
— on the center rib above
to make the dowel hole

Das Not Ugly!

- Blackwidow .049

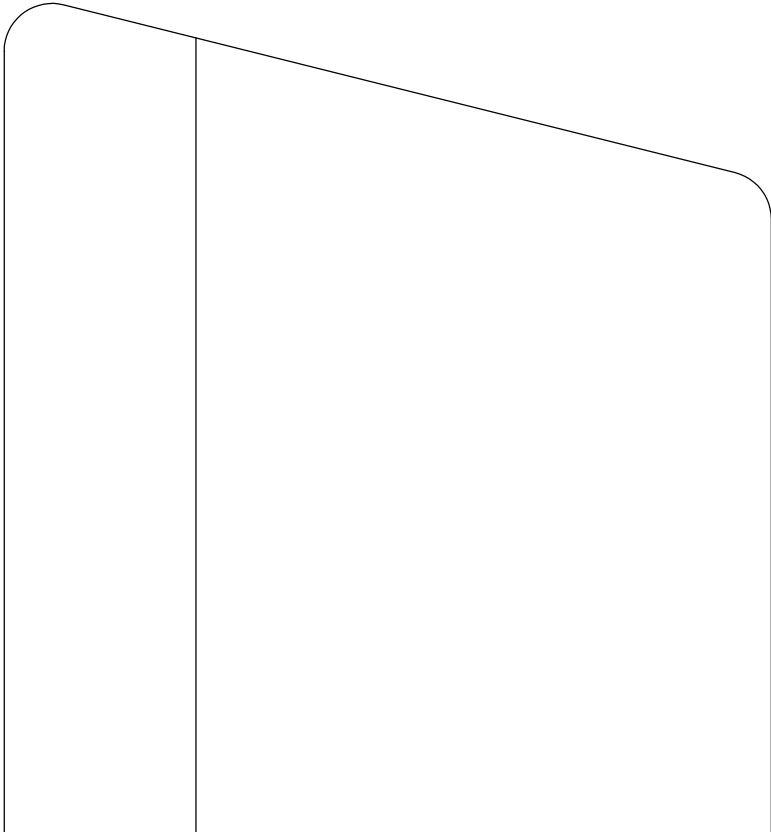
82 sq in

10 1/2"

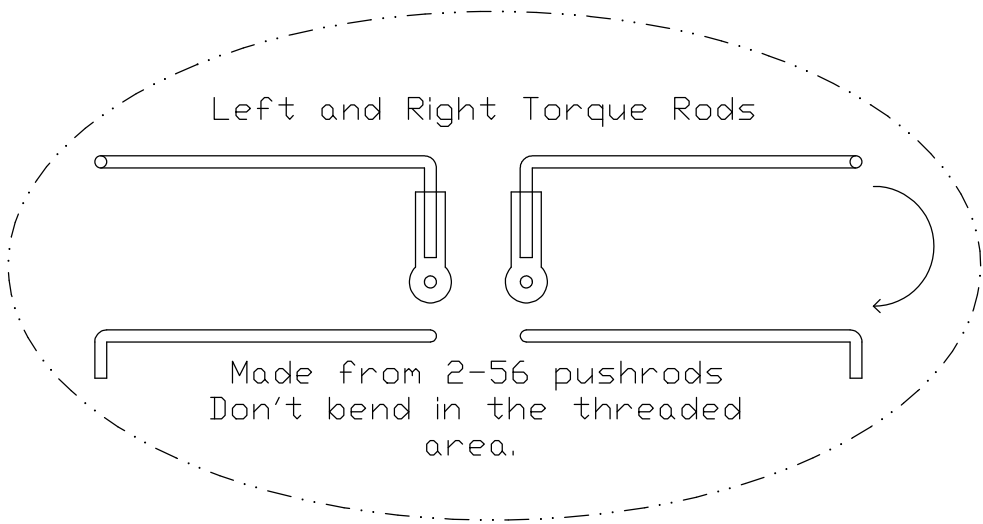




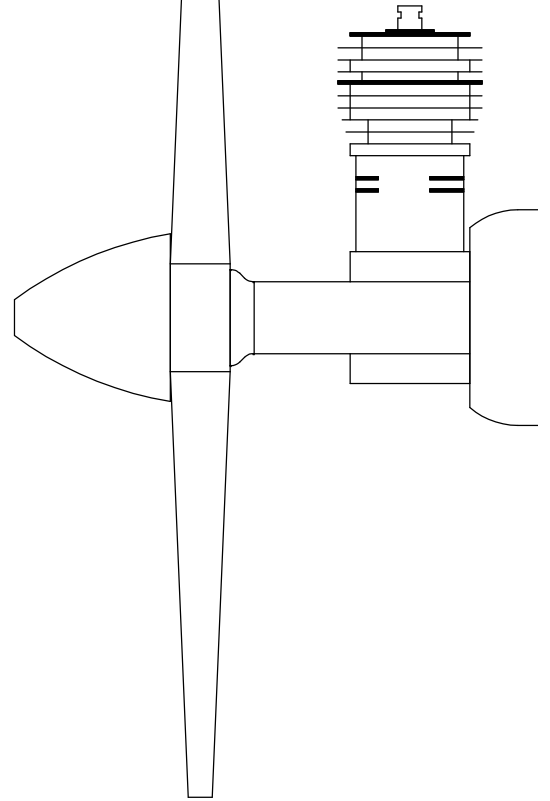
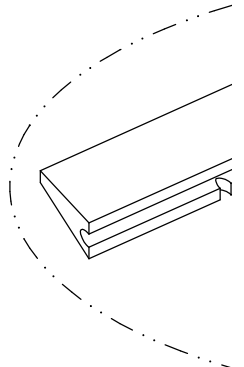
as Not Ugly! .049-.06



R2 C1



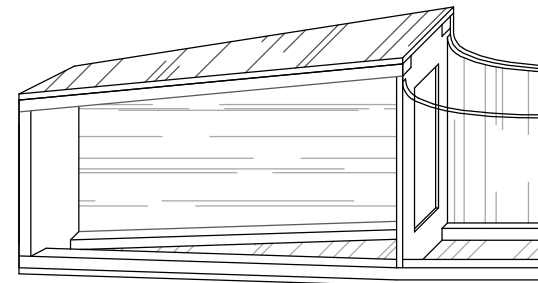
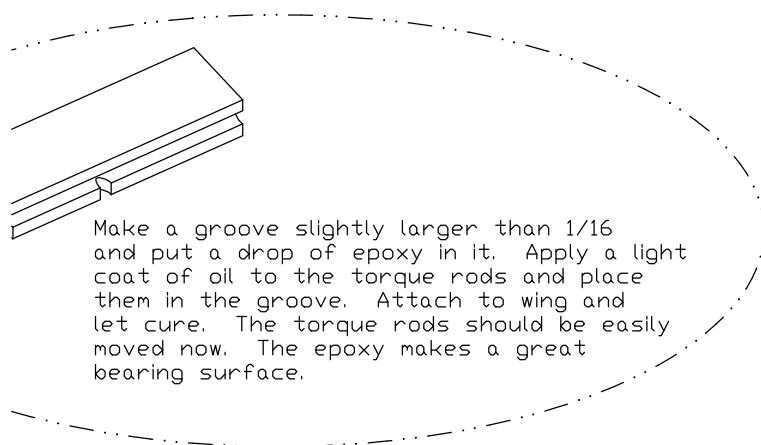
1/16x1/2 Balsa Strip bu



tted to the TE

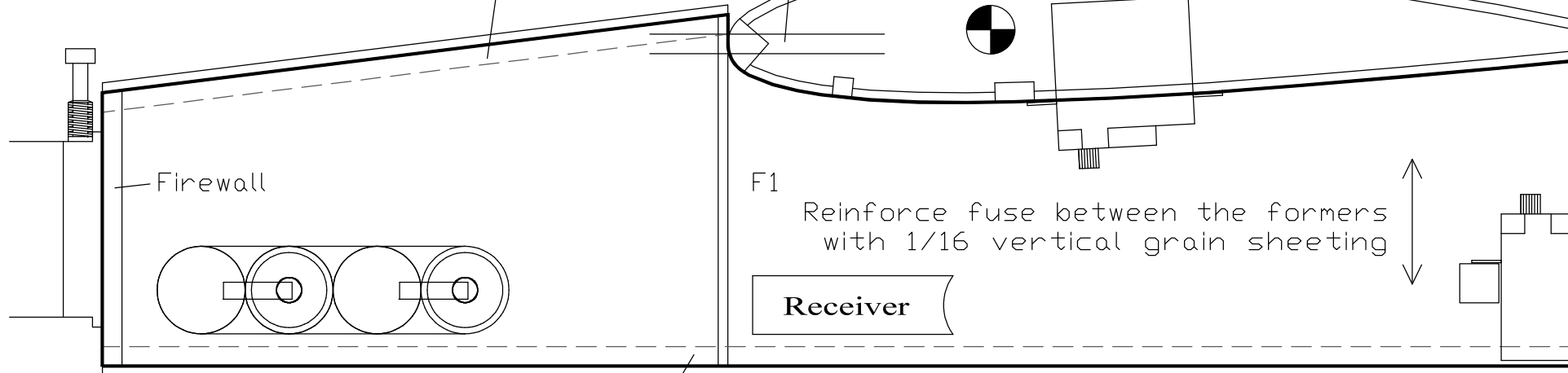
3/16x3/4 Balsa Trailing Edge

1/16 Ply Reinforcmen
(represented by do-

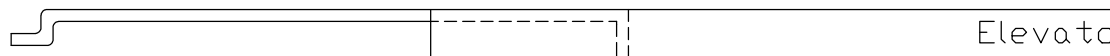


1/8 Hardwood Dowel

1/8x1/8 Balsa Longeron



1/8x1/8 Balsa Longeron



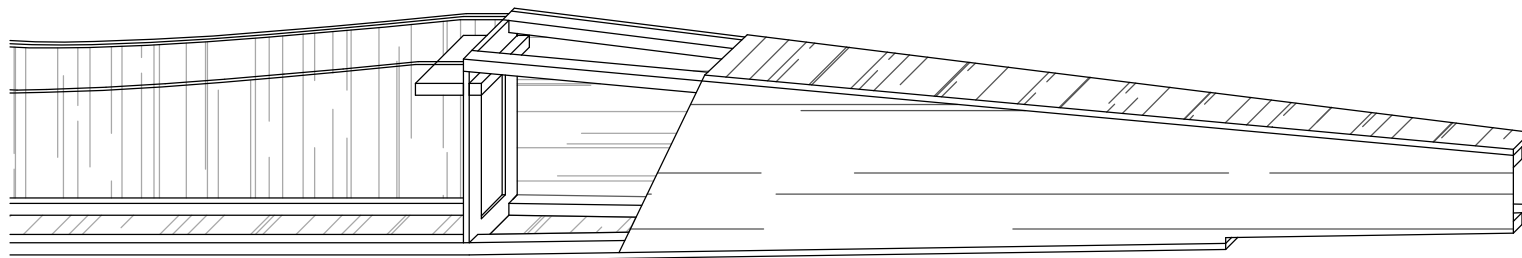
Elevato

1/16 Balsa Fuselage Sides

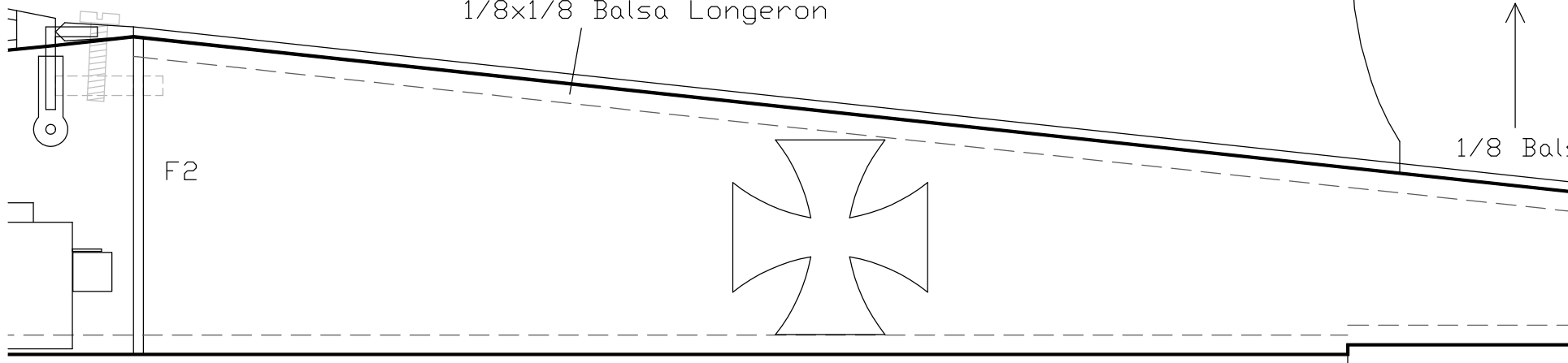


it Plate
tted line)

1/4x1/4 Balsa Stick for TE

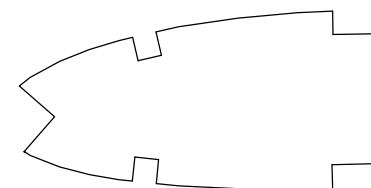
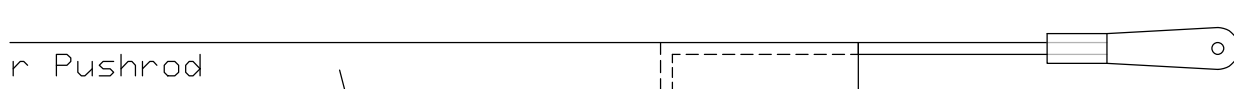


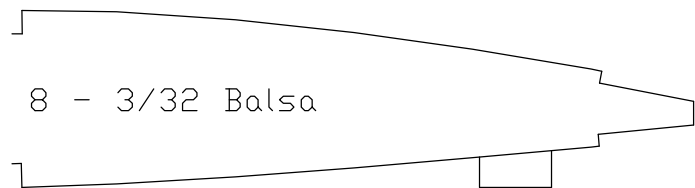
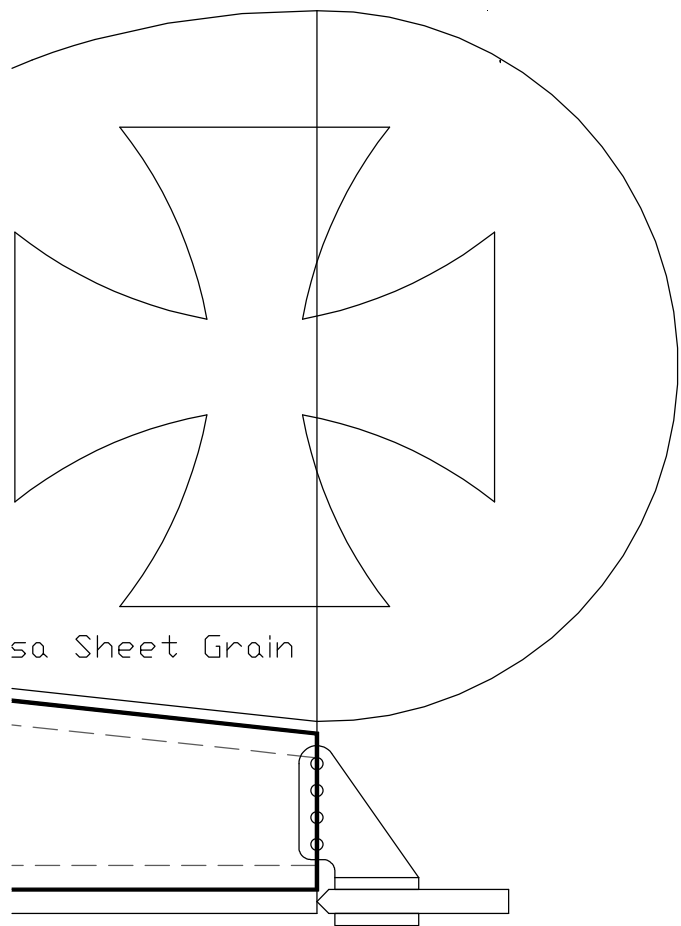
1/8x1/8 Balsa Longeron



r Pushrod

1/4 Square Balsa and 2-56 pushrods





R2 C4

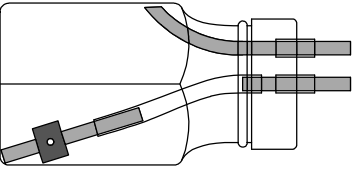




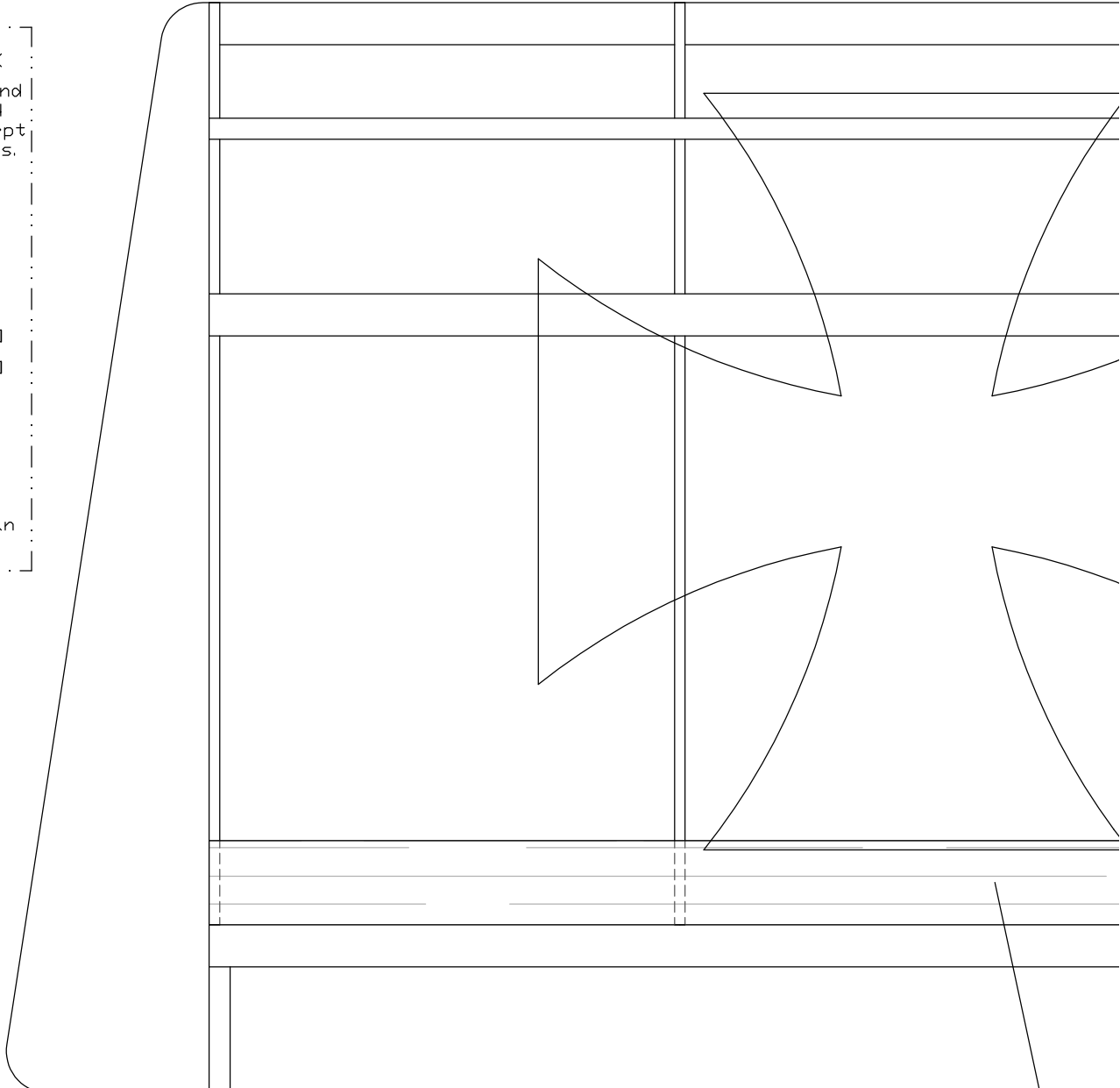
Bubble Bottle Tank

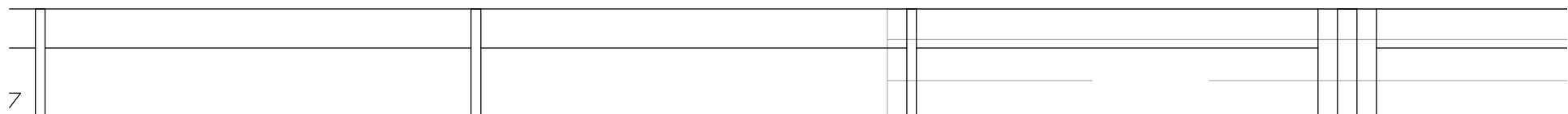
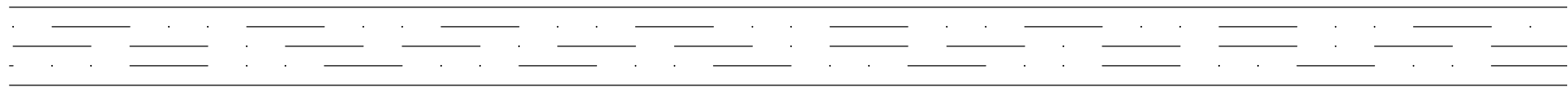
.6oz bubble bottles can be found in many places including dollar and party stores. This same concept can be applied to similar bottles.

- 1/8 Wheel collar
- 3/32 Brass tubing
- 1/2a fuel line



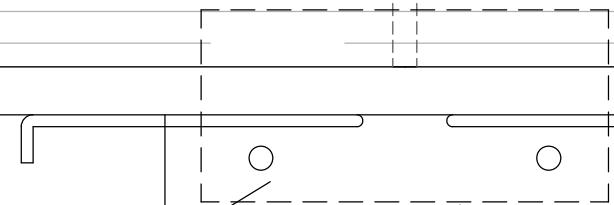
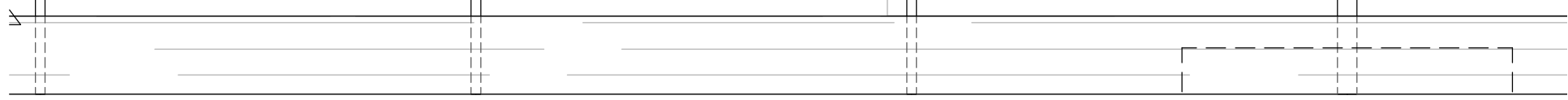
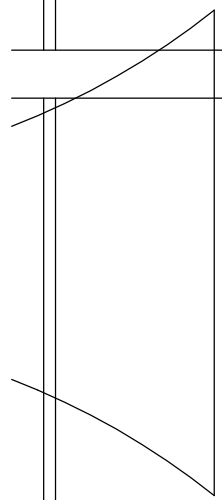
Used in conjunction with a "Surestart" Cox engine will result in flight times more than double that of a "Blackwidow".





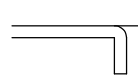
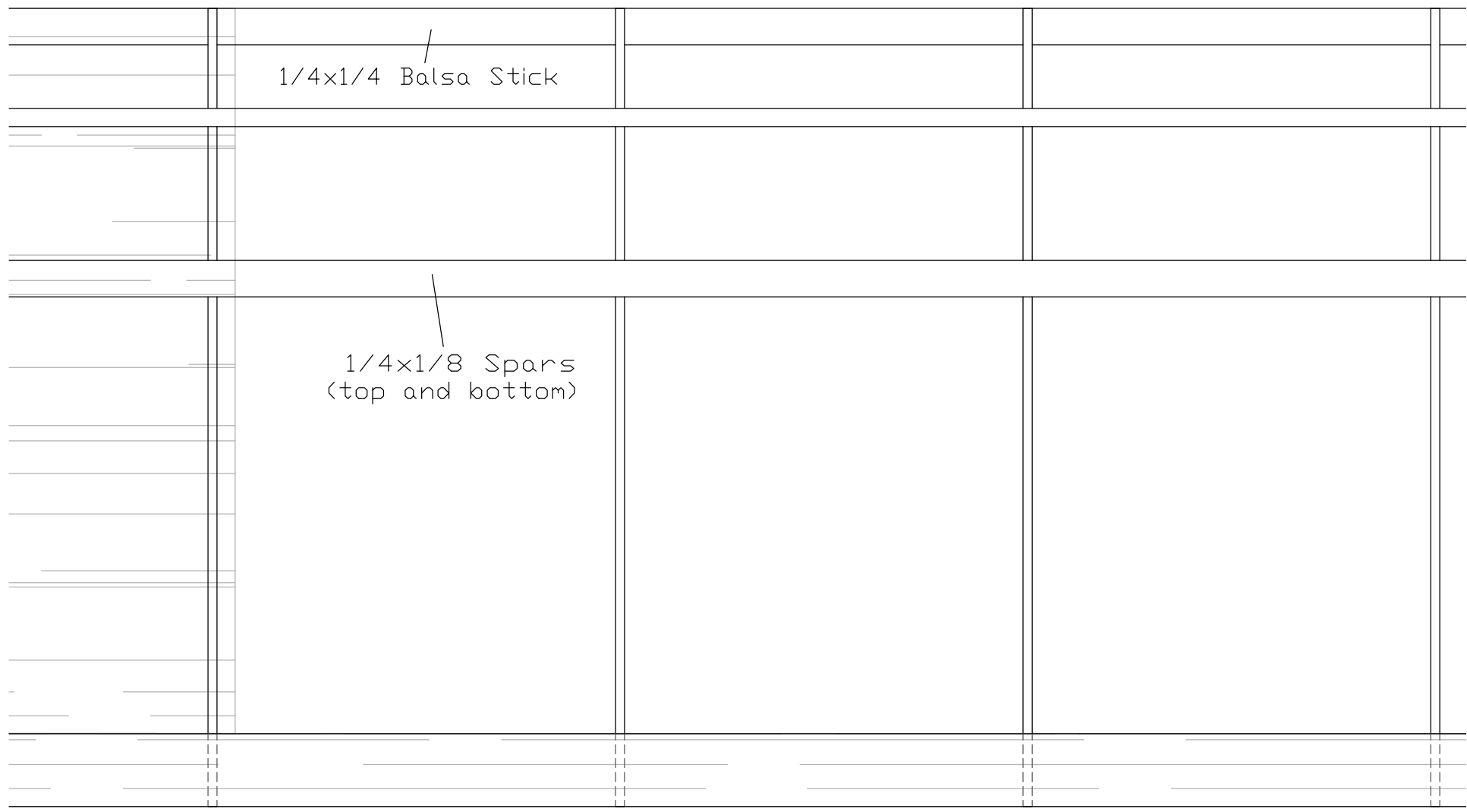
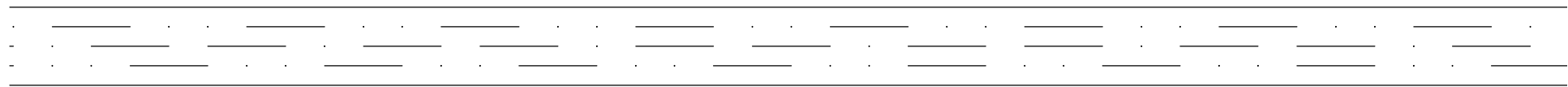
1/8x1/8 Balsa Sticks
(top and bottom)

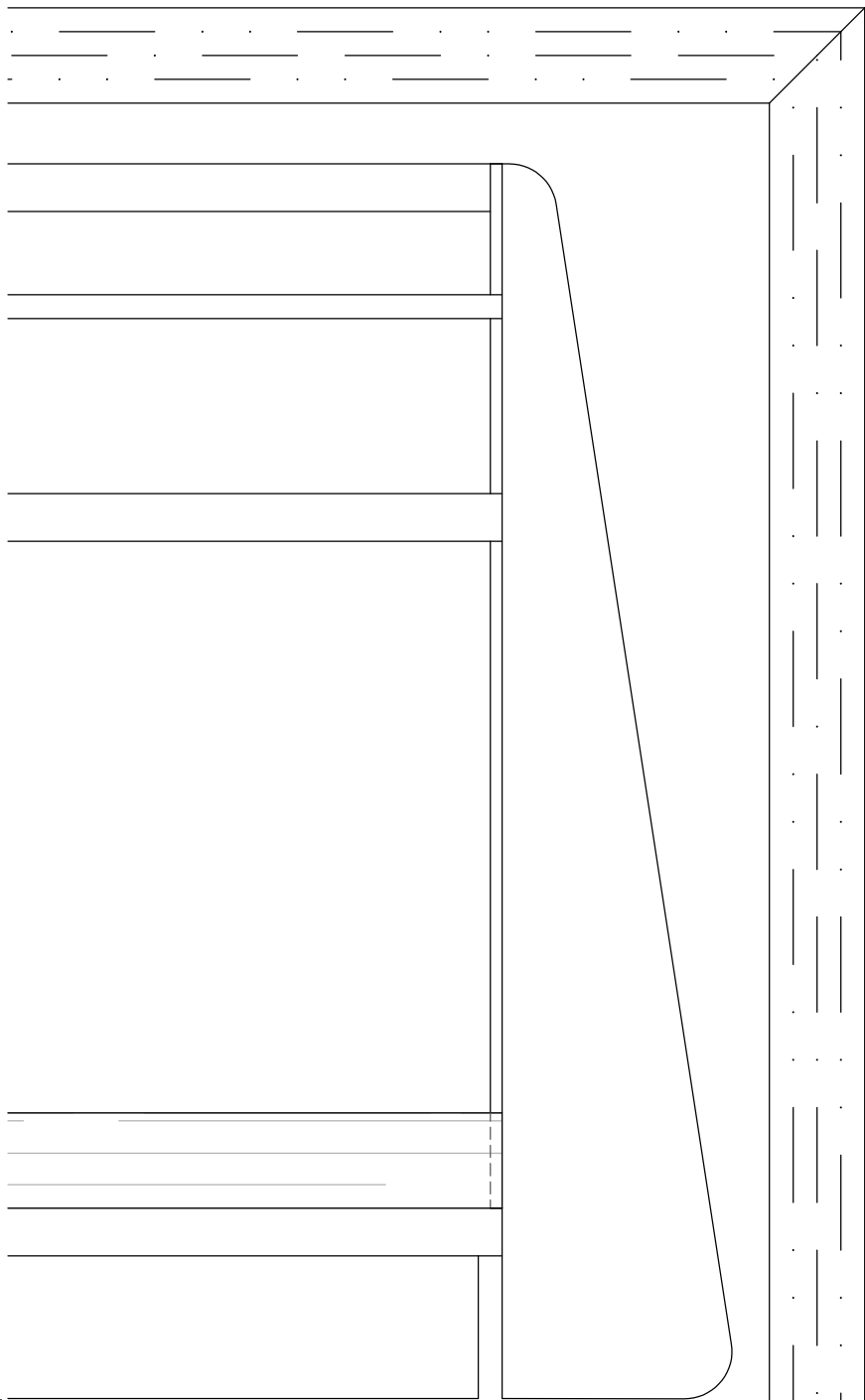
1/16 Balsa Sheeting



R3 C2







R3 C4