All woods balsa unless otherwise stated

an **AEROMODELLER** plan

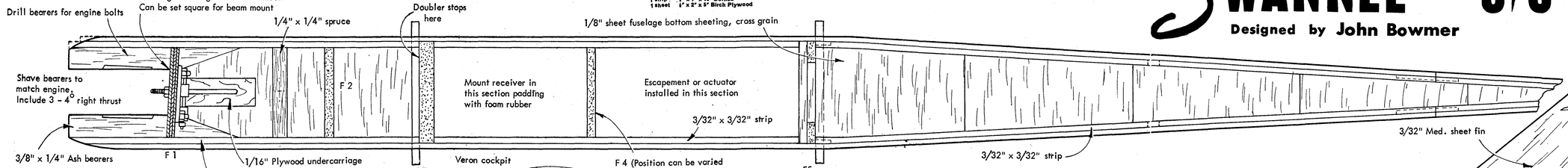
SWANNEE 3/6

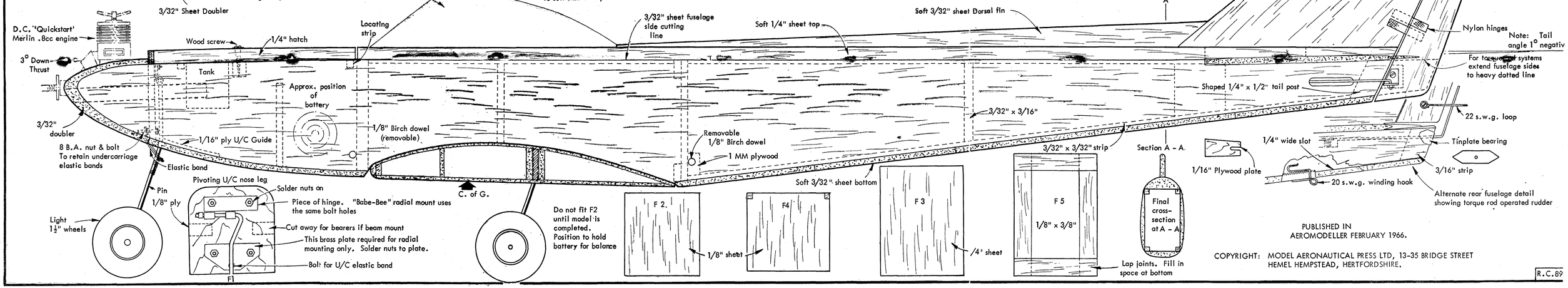
Designed by John Bowmer

A 38" WING SPAN LOW WING SINGLE CHANNEL RADIO CONTROL SPORTS FLIER

MATERIALS LIST

4 sheets 1/16" x 3" x 36" Med. Soft Balsa
1 sheet 1/32" x 3" x 36" Soft Balsa
1 sheet 1/4" x 3" x 36" Med. Balsa
2 sheets 1/8" x 3" x 36" Med. Balsa
1 sheet 1/16" x 3" x 36" Soft Balsa
1 strip 1/8" x 1" x 12" Softlss
1 sheet 1/16" x 2 1/2" x 5" Birch Plywood
1 length 1/4" dia. x 5" Birch Dowel
1 length 1/4" x 1" x 6" Ash
1 length 14 s.w.g. x 24" Piano Wire
1 Small brass hinge
2 Lightweight 1 1/2" wheels
1 Cockpit canopy (Veron)





PUBLISHED IN AEROMODELLER FEBRUARY 1966.

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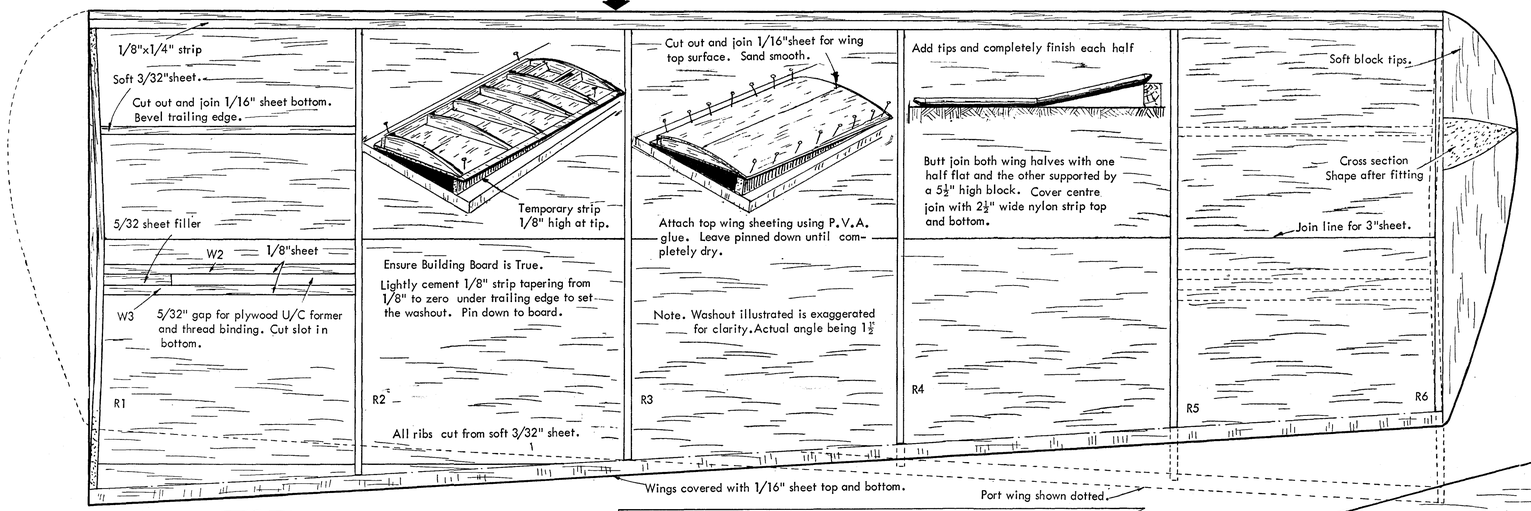
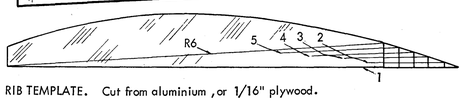
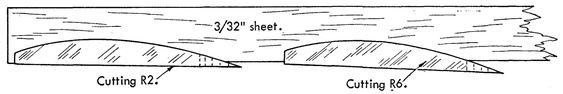
WING ASSEMBLY WITH INCORPORATED WASH-OUT



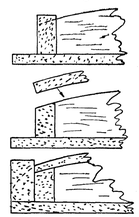


RIB TEMPLATE. Cut from aluminium, or 1/16" plywood.



Cut template slightly oversize, then file to exact shape. Cut ribs as illustrated above, then true-up leading edges of ribs to a right angle. After the ribs, 1/4" x 1/8" leading edge and U/C box are cemented in position, use a large sanding block, about 10" x 2", to ensure the top structure is completely even in readiness for accepting the top sheeting.

FORMING OF LEADING EDGE.

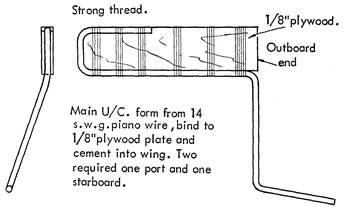


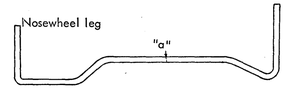
Cement 1/8" x 1/4" med. strip 1/8" from front edge of 1/16" sheet. Shape top edge of strip with razor plane or sandpaper.

Add top 1/16" sheet. Trim front edge of sheet true with 1/8" x 1/4" strip.

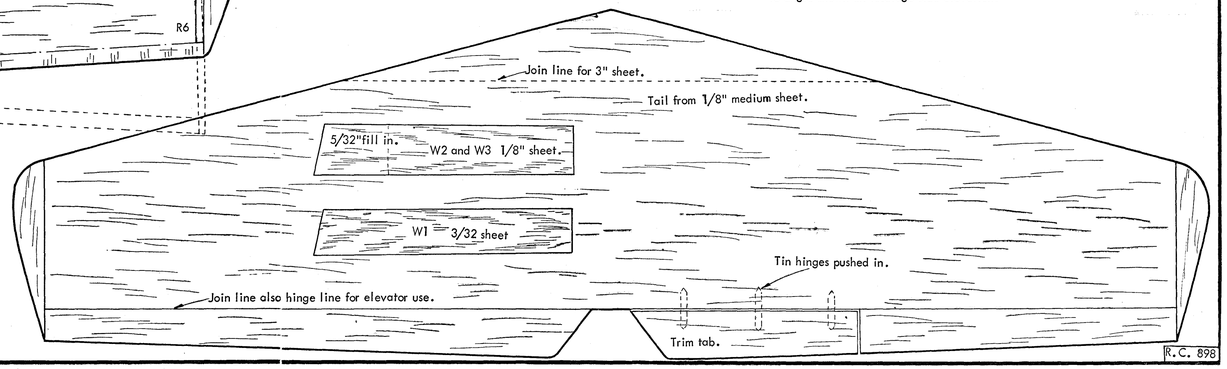
Cement front 1/8" x 5/16" strip in place. Shape leading edge to section shown.

TRAILING EDGE





14s.w.g. piano wire. Bend forward at point "a" to angle shown on fuselage side elevation.



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