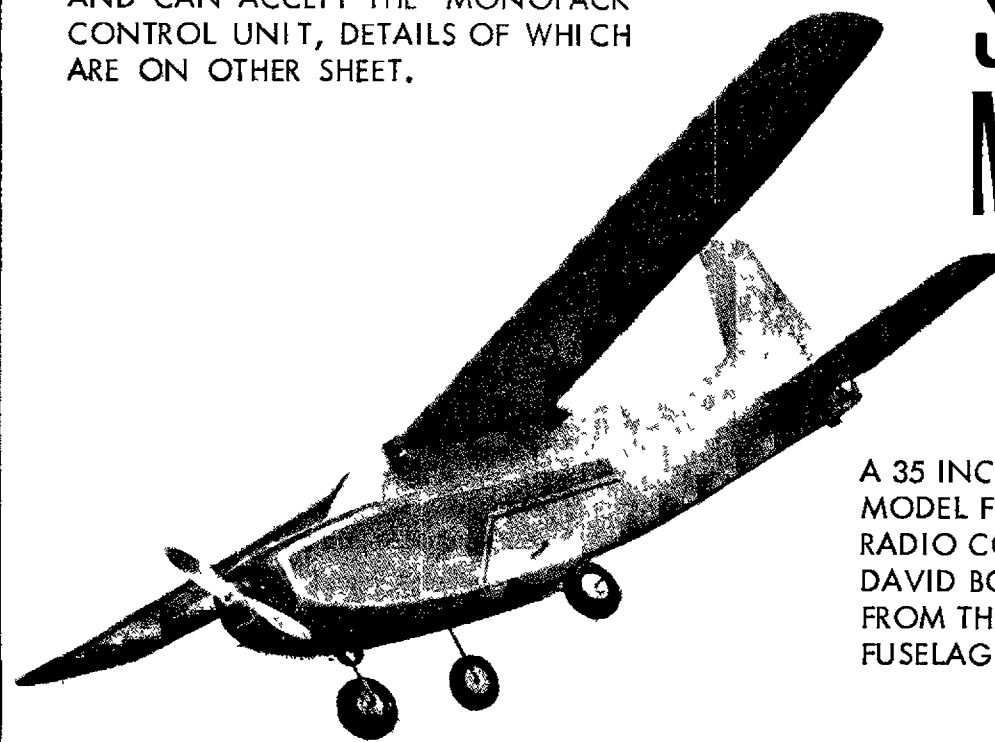


SIMPLE TO BUILD, THIS MODEL IS IDEAL FOR FREE FLIGHT WITH ANY OF THE RADIALLY MOUNTED .049 (0.8 cc.) ENGINES. IT IS ALSO AN IDEAL SUBJECT FOR SINGLE CHANNEL RADIO CONTROL AND CAN ACCEPT THE 'MONOPACK' CONTROL UNIT, DETAILS OF WHICH ARE ON OTHER SHEET.

# Aermacchi Lockheed SANTA MARIA

PLAN VALUE  
**3/6**

A 35 INCH WINGSPAN SEMI-SCALE MODEL FOR SINGLE CHANNEL RADIO CONTROL DEVELOPED BY DAVID BODDINGTON & DAVID TOYER FROM THE ORIGINAL FREE FLIGHT PROFILE FUSELAGE DESIGN BY VIC SMEED

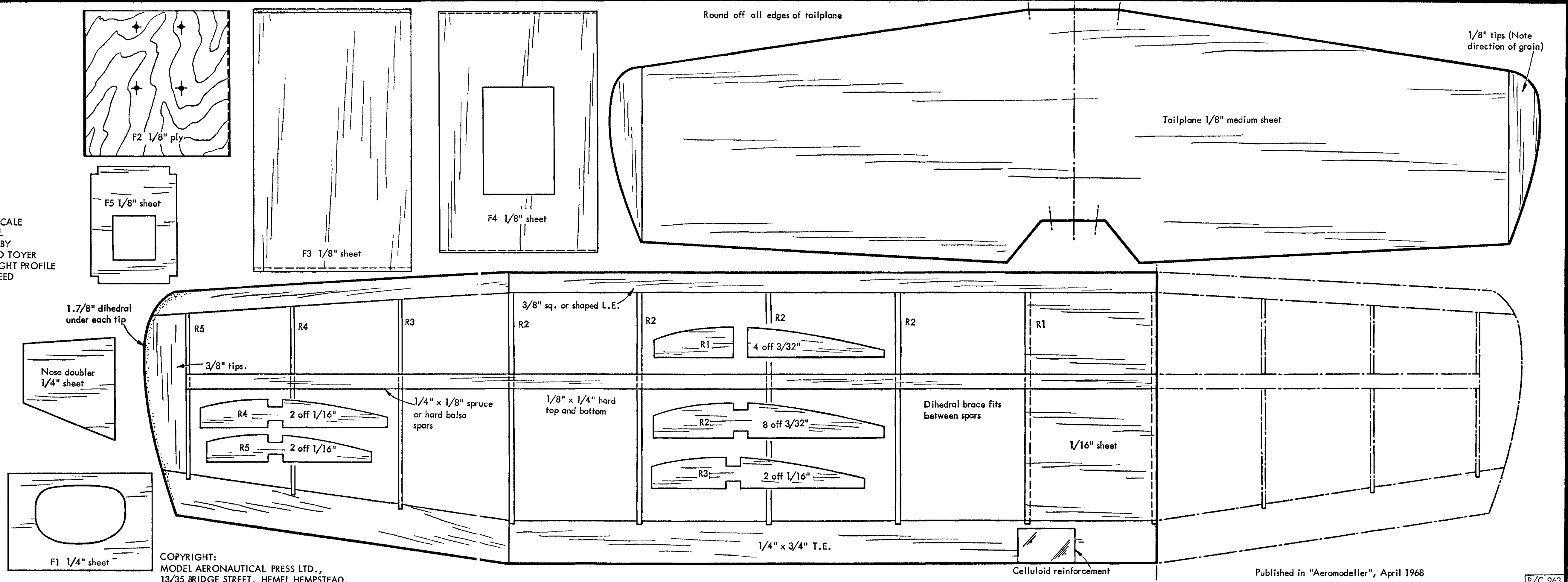


### Materials required

- 3 Sheets 1/16" x 4" x 36"
- 2 Sheets 1/8" x 4" x 36"
- 1 Strip 3/8" x 3/8" x 36" shaped L.E.
- 1 Strip 3/4" x 1/4" x 36" shaped T.E.
- 2 Strips 1/8" x 1/8" x 36"
- 1 Strip 1/8" x 1/2" x 36"
- 2 Strips 1/8" x 1/4" x 36" Spruce or hard balsa
- 12" length 1/8" dia. dowel
- 3" x 4.1/2" 1/8" plywood. Scrap 1/16" plywood
- 6" x 3" x 3/8" balsa. 3" x 3" x 1" balsa. Scrap 1/4" balsa
- 36" length 12g Piano wire. Scrap 20g and 16g Piano wire
- 1 Pair 1.1/2" dia. wheels. 1 off 1.1/4" dia. wheel

### WING CONSTRUCTION

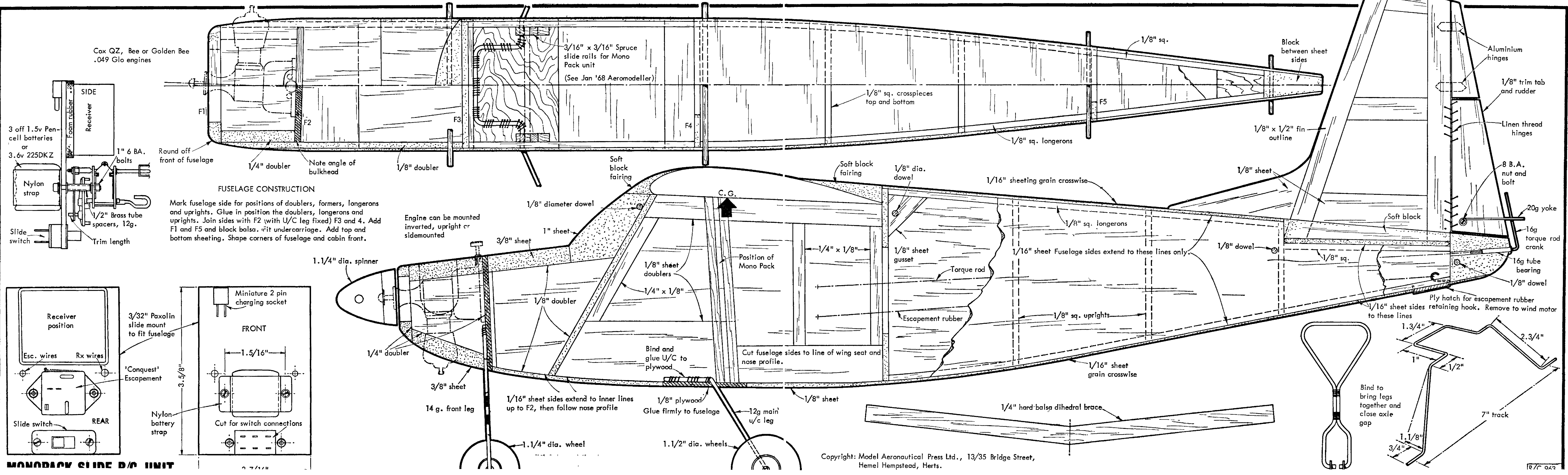
Notch the port trailing edge and pin down with the lower spar. Cement ribs in place. Add leading edge. Fit dihedral brace and top spar. Add rough shaped tip block and remove from plan. The starboard panel is built over remaining plan. While the panel is still pinned in place, join halves by dihedral brace. Add centre section sheeting.



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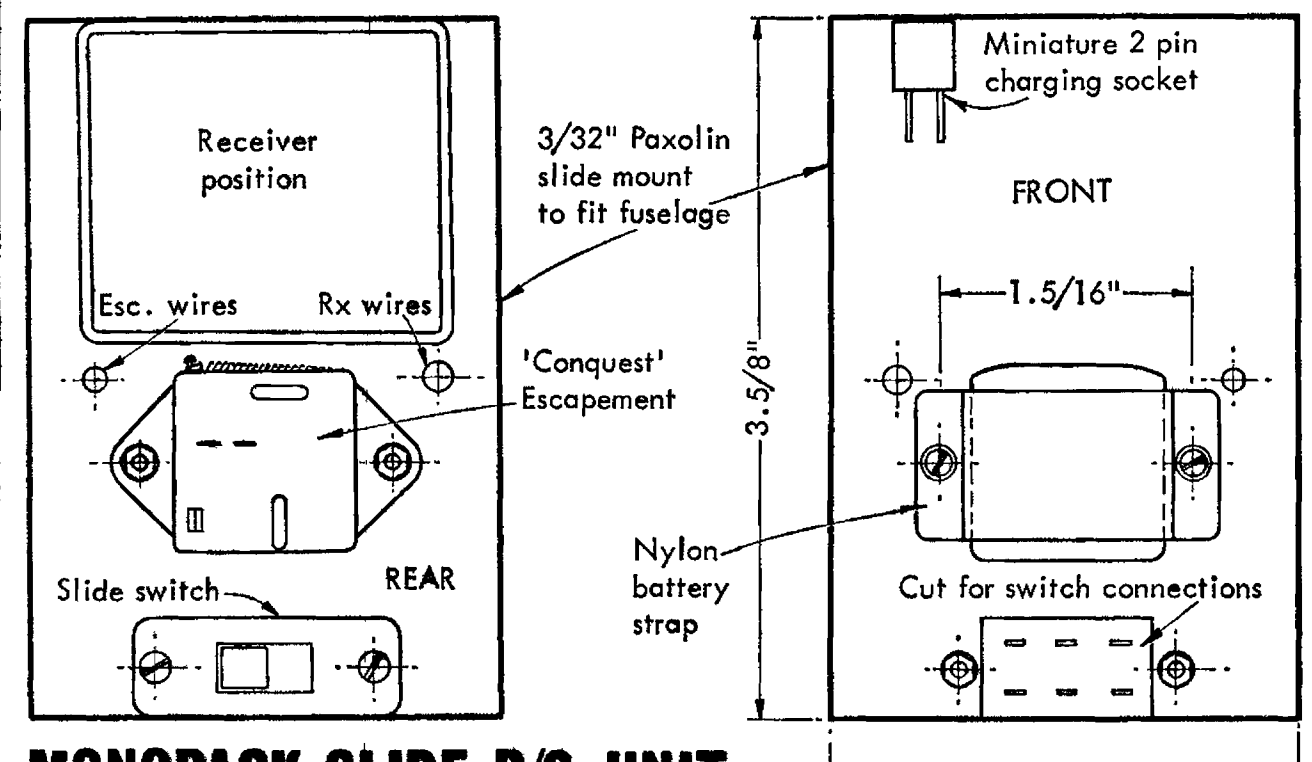
Published in "Aeromodeller", April 1968

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### FUSELAGE CONSTRUCTION

Mark fuselage side for positions of doublers, formers, longerons and uprights. Glue in position the doublers, longerons and uprights. Join sides with F2 (with U/C leg fixed) F3 and 4. Add F1 and F5 and block balsa. Fit undercarriage. Add top and bottom sheeting. Shape corners of fuselage and cabin front.



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