

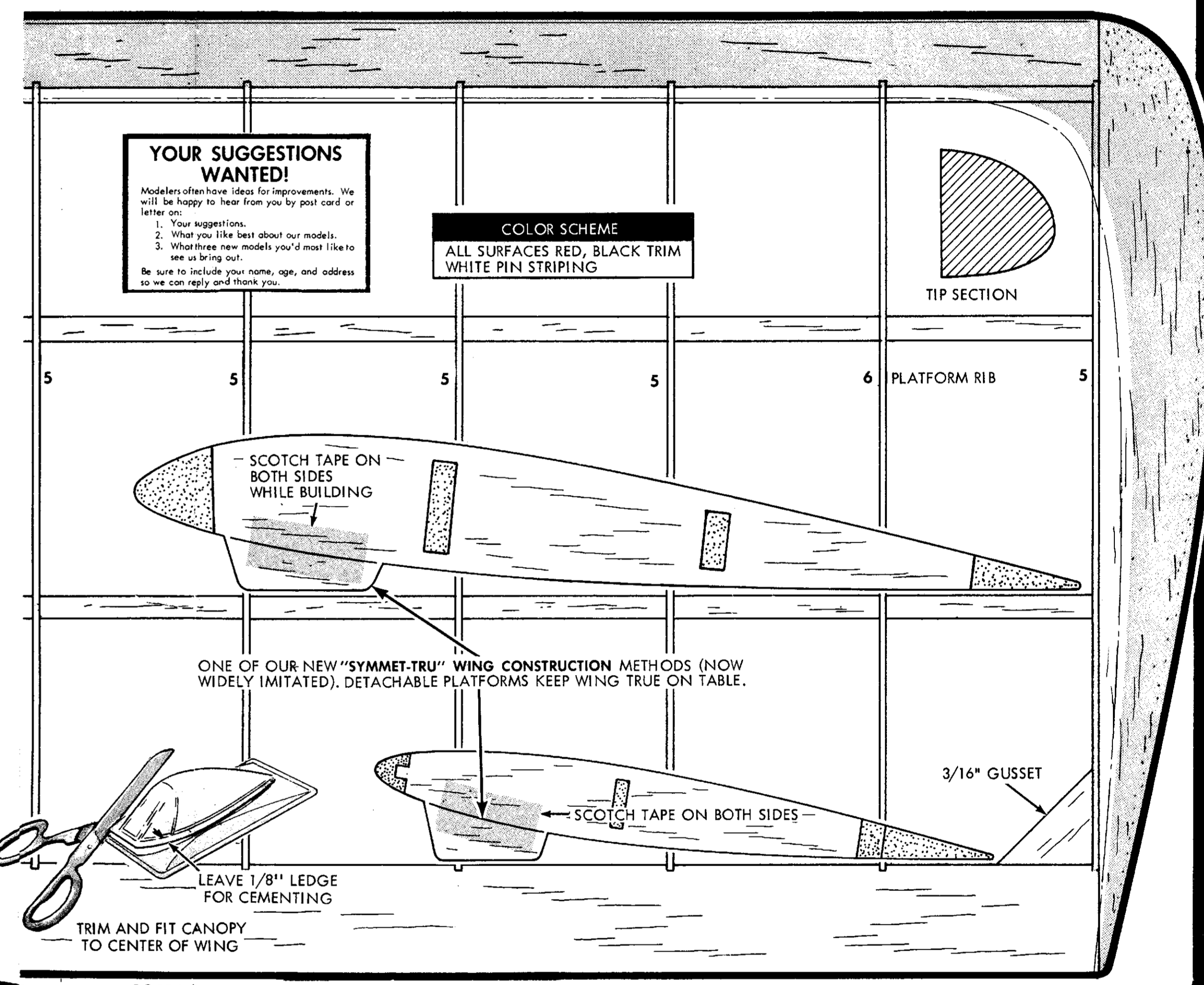
**COVERING PROCEDURE**

1. Silk is an excellent all purpose covering for R/C models of this size. However, nylon and heavy grades of model paper may also be used.
2. The best adhesive is clear nitrate dope, but clear butyrate dope will do, although it dries slower.
3. All surfaces, whether sheet balsa or framework, should be covered. Use the following procedure:
  - a. Sand all surfaces to a smooth contour.
  - b. Coat all surfaces, which come in contact with covering, with clear dope; this will seal or prime the surfaces. Two coats of prime are best, sanding lightly when each is dry.
  - c. Cut silk slightly oversize (1/8" allowance) each for rudder and stabilizer. Wet the silk and lay in place, working out all wrinkles. Lift an edge (the shorter) and apply clear dope generally in a band about 1/2" wide; lay silk down, and smooth out by rubbing and pressing with fingers, working out all wrinkles. Let dry and repeat on opposite edge, stretching the silk moderately. Let dry. Now work with the long sides, dipping down a few inches at a time on both sides and only stretching enough to remove all wrinkles. Trim excess silk with razor blade and dope down all fuzzy edges.
  - d. Use thinned clear butyrate dope (50-50) for finishing. This will penetrate the silk and bond it to the balsa. Apply 4 coats, letting each dry about one hour. Now apply as many coats full strength dope as necessary to thoroughly fill the pores of the silk. Avoid tail heaviness. Silk may be sanded between coats of dope but sand lightly with the finest grade of sandpaper available (#400 Wetordry or finer).
4. Colored dope (butyrate) trim may now be applied. Mask off areas to be colored and apply thin coats until desired color is obtained.
5. Dope areas around the tank and engine with several extra coats of colored dope to prevent fuel and oil penetration of the wood framework.

**PRE-CEMENTING**

Pre-apply all highly stressed points, such as wing center joints, engine mount and landing gear joints, and joints of sheet balsa fuselage.

The proper technique is as follows: Coat both joining areas with cement; rub into the wood surface and let dry. Next coat these areas generously with cement dry and join using light clamping or applying weights on laminated areas. We recommend you use only high grade model cement for most joints, and white glue (Eimer's, Wilhold, etc.) for laminating fuselage doublers.



**FALCON 56**

R/C MODEL, KIT G15

SINGLE TO 4 CHANNEL PROPORTIONAL FOR .15 - .19 - .35 ENGINES

Designed and drawn by: Carl Goldberg & Norman

SPAN: 56"

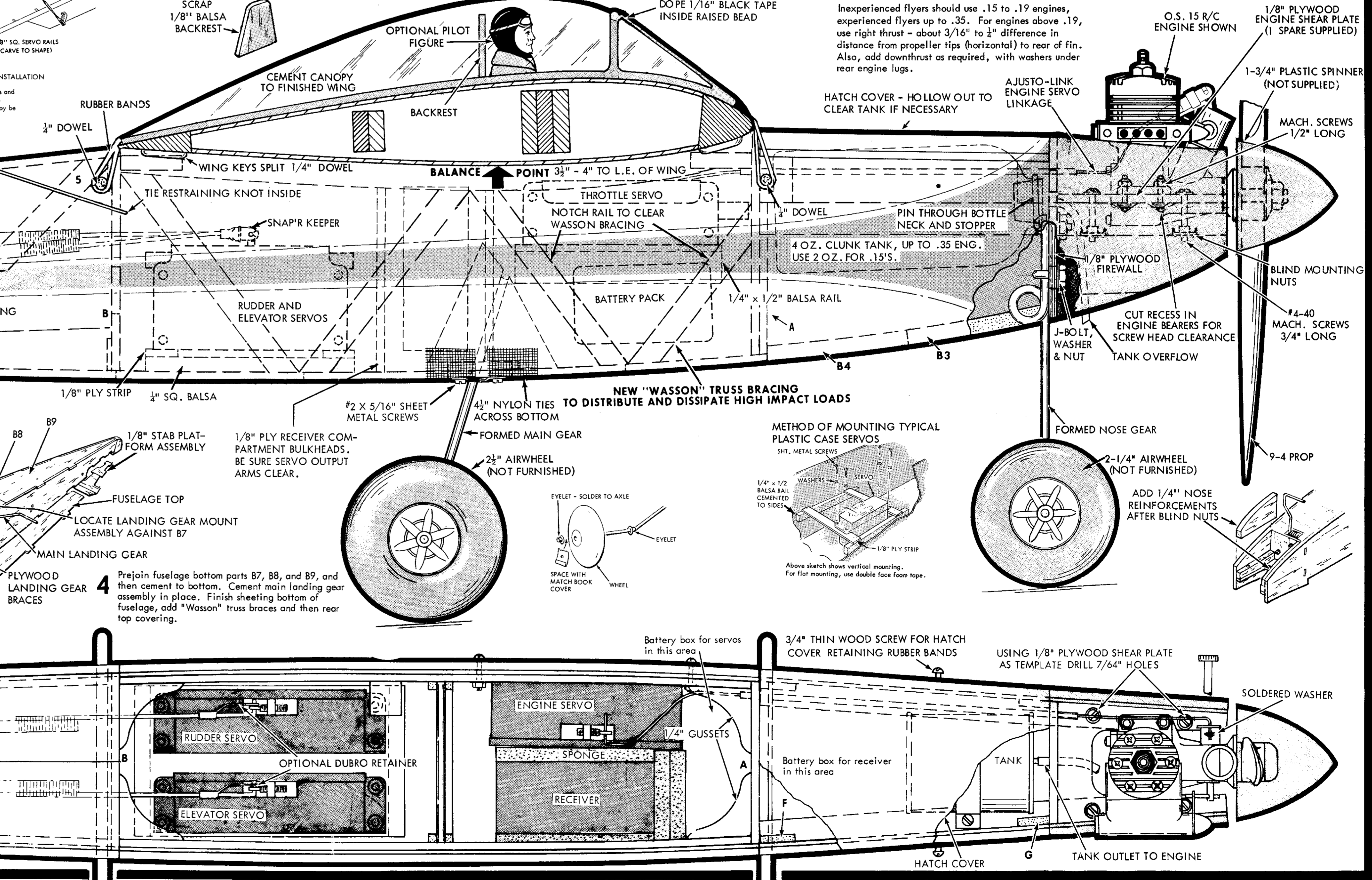
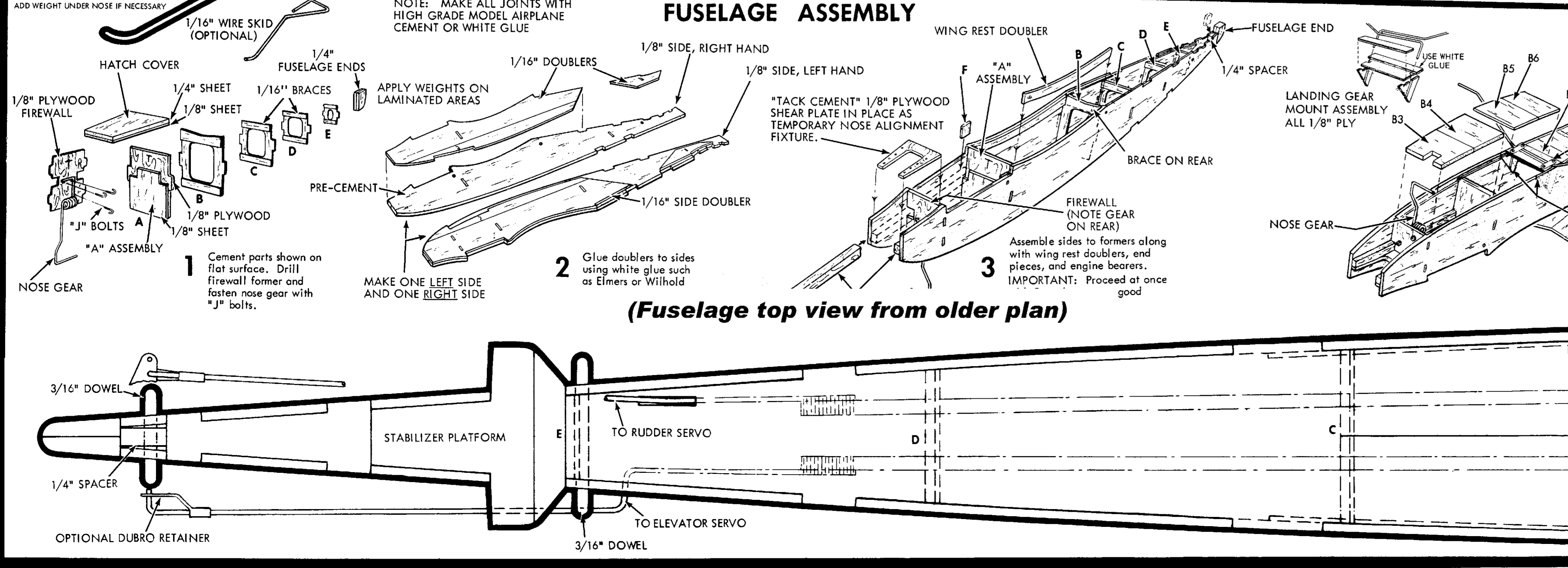
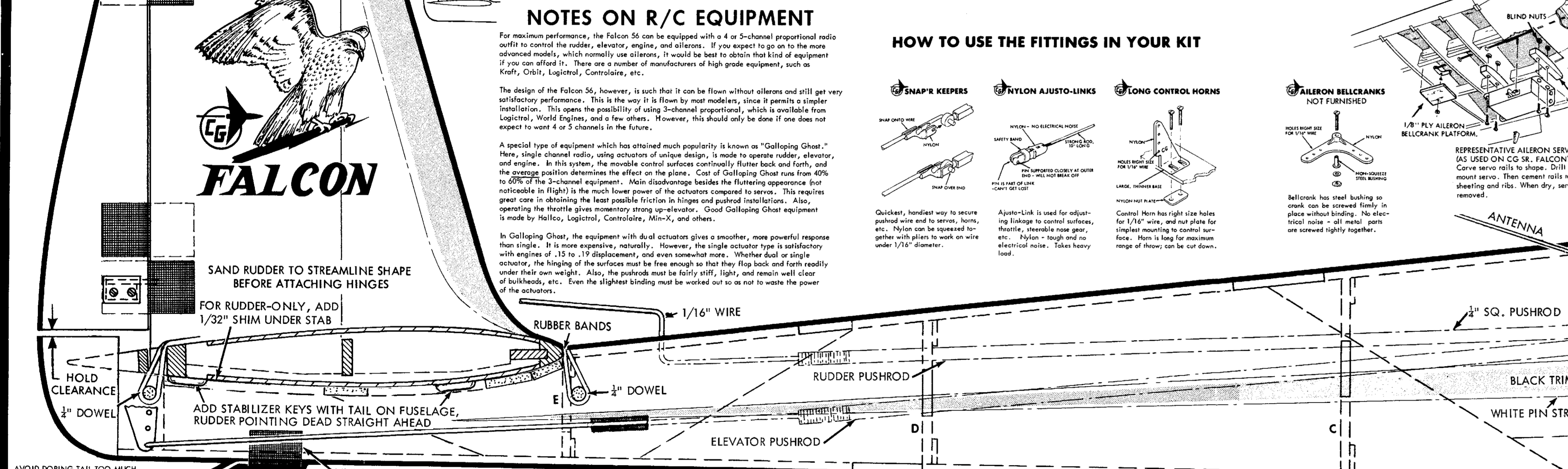
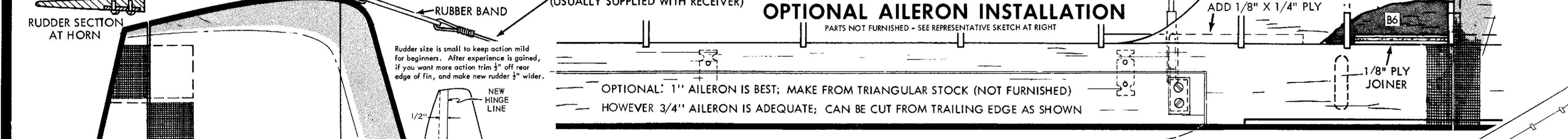
LENGTH: 43"

AREA: 558 sq. in.

WEIGHT: 3 1/2 lbs. For Tail Section J. C. McVicker

R/C TECHNICAL CONSULTANT AND TEST FLYER — JOHN WISNIEWSKI CHICAGO, ILLINOIS

Parts of this plan have been updated, to incorporate all important changes, such as 1-piece sides, wider nose for larger engines, including 1/2 and 3/4 inch engines, including other horns, links, servos, etc., where shown, information on modern radio equipment and optional ailerons, etc. Some information on the plan may appear obsolete, and should be ignored.



**YOUR SUGGESTIONS WANTED!**

Modelers often have ideas for improvements. We will be happy to hear from you for just a card or letter to:

1. What you like best about our models.
2. What you don't like about our models.
3. Use a large font.
4. Be sure to include your name, age, and address. We can reply and thank you.

**COLOR SCHEME**

ALL SURFACES RED, BLACK TRIM WHITE PIN STRIPING

**TIP SECTION**

1. SCOTCH TAPE ON BOTH SID WHILE BUILDING

2. SCOTCH TAPE ON BOTH SID WHILE BUILDING

3. SCOTCH TAPE ON BOTH SID WHILE BUILDING

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35. SCOTCH TAPE