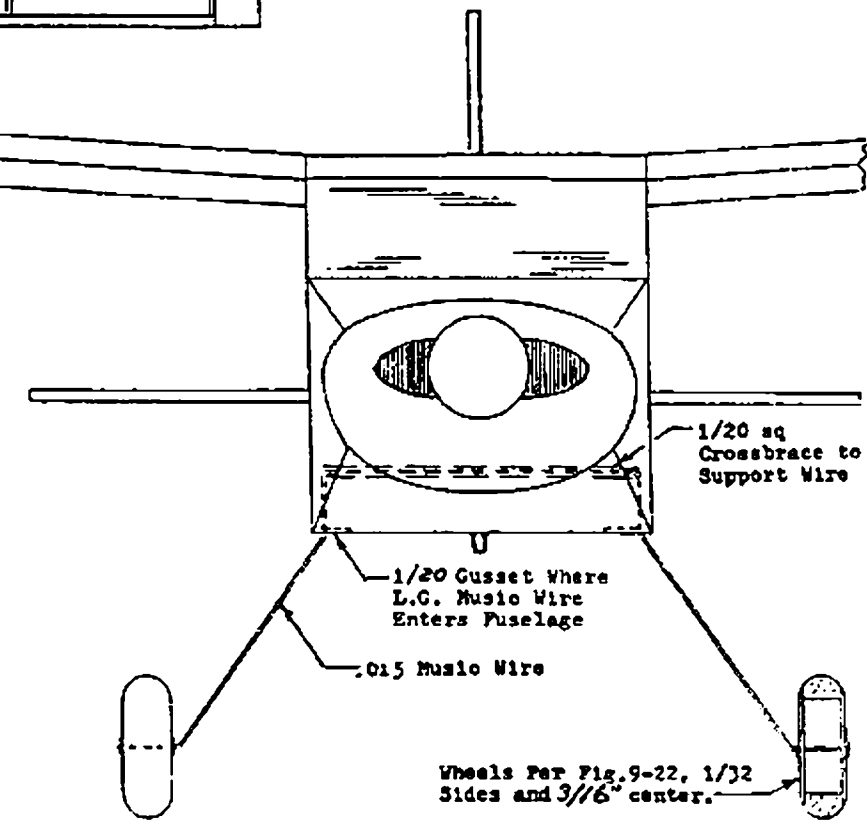
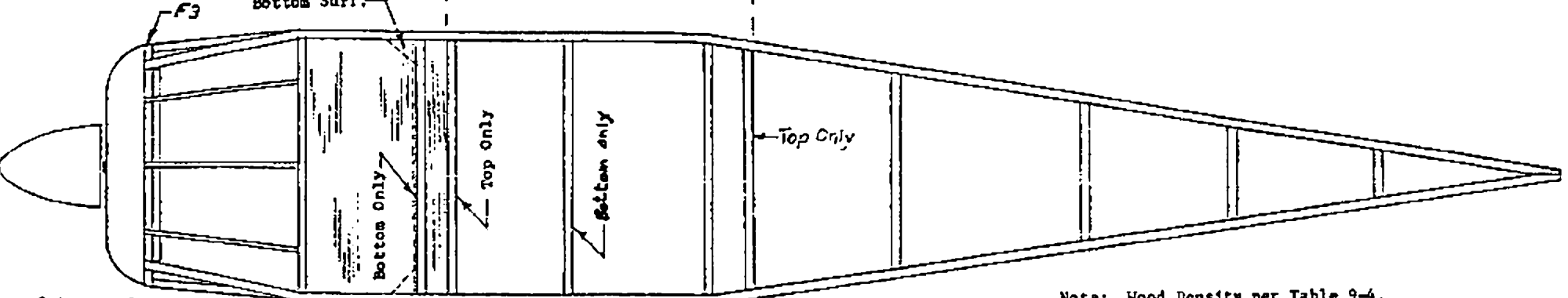
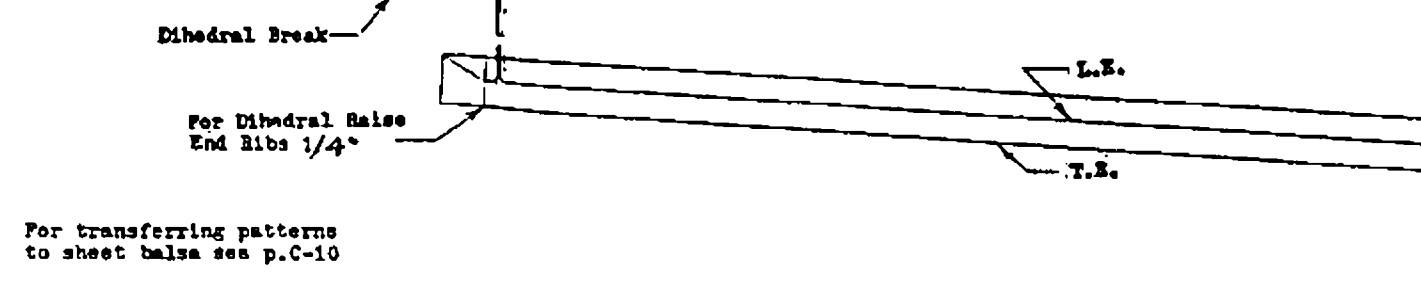
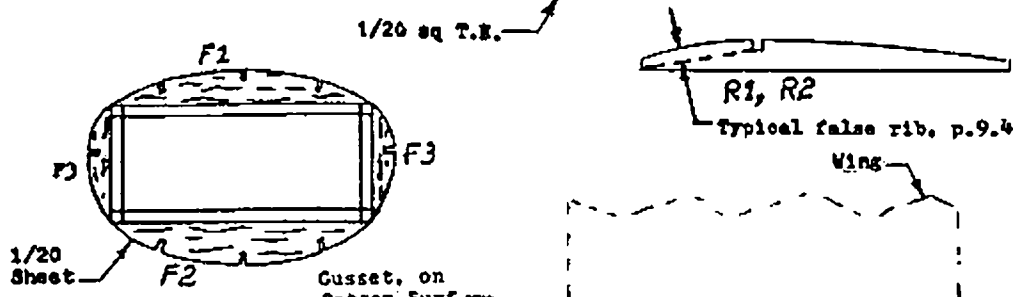


For outdoor model and 60 second duration capability (R.O.C.), keep the structural weight (everything but the rubber motor) down to 6 grams (.21 oz.) and use a rubber motor weighing 1.2 grams (1/5 of the structural weight). One gram is .0353 oz. For an indoor version and a 90 second duration capability keep the structural weight down to 4.5 grams (.16 oz.) and use a motor weighing 1/4 of the structural weight or more. (along with other suggested guides in the book).



Prop Spinner. See Fig. 6-18f and C-20a

Prop Has 5" Diam. and P/D of 1.5. Use loop of 3/32" Carve or form prop Rubber (1/16" Wide Rubber per Chapter 6 For Lighter Indoor Model) .75 Blade Width

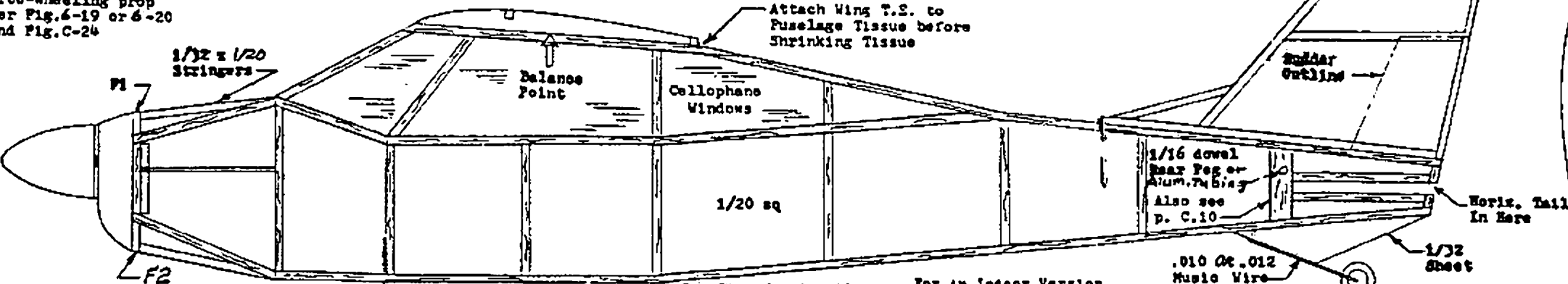
Free-wheeling prop per Fig. 4-19 or 6-20 and Fig. C-24

Roseblock Detachable For Winding and Thrust Adjusting

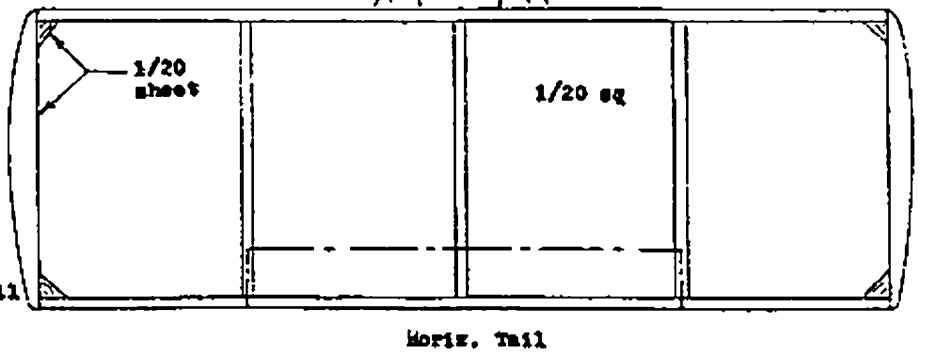
Wing Dihedral Not Shown In Side View

Note: Wood Density per Table 9-4. If 1/20 Balsa not available Use 1/16 Balsa or sand down.

Cover Per P. 9.8-.9 And Table 9-4



Scale Tail. See Appendix B for best (smaller) size



Front Hook per Fig. 6-21b or C-17

Crack Longeron

Fuselage Construction Per Fig. 9-3a-c

For An Indoor Version Select Wood Sizes and Densities Per Table 9-4

Alternate method for tail wheels. Bend wire to a circular outline and fill in with 1/32 sheet balsa disk

2 Laminations Of 1/32 Sheet Balsa and Paper Bushing

For Tight-Circling Flight Use Wing-Warping Per P. 4.6-.7

Braid long motors per p.8.4. Lubricate, break-in and stretch-wind per p.8.1, 8.4

Adjust For Flight Per Chapter 4



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All construction and flying references are to the book "Making Scale Model Airplanes Fly" (1997 Revision) published by Aircraft Data. \$14.95 plus \$2.00 shipping. Make payments to William McCombs, 2106 Siesta Drive, Dallas, TX 75224. Postal money order or cash only

**BEDE BD-4**

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