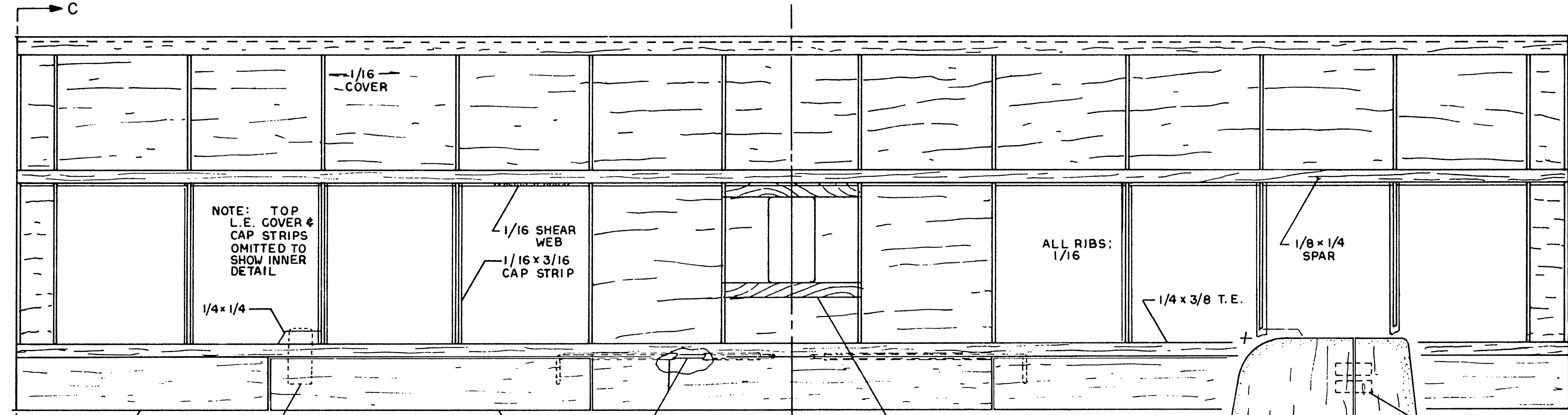
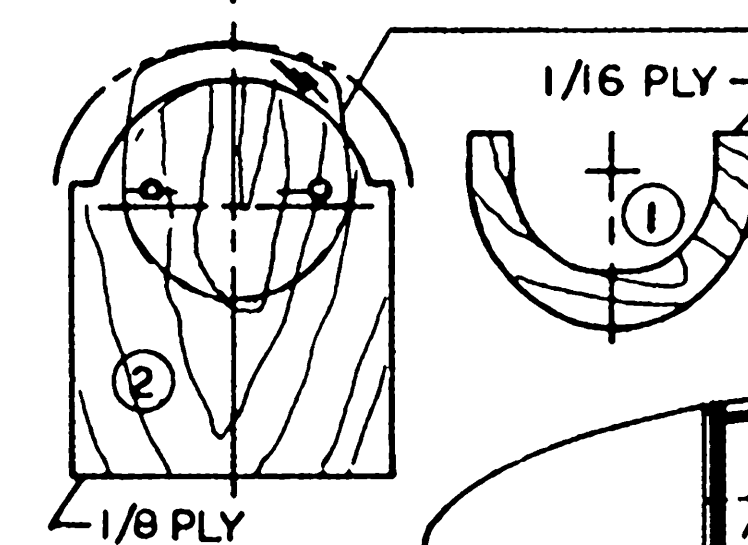
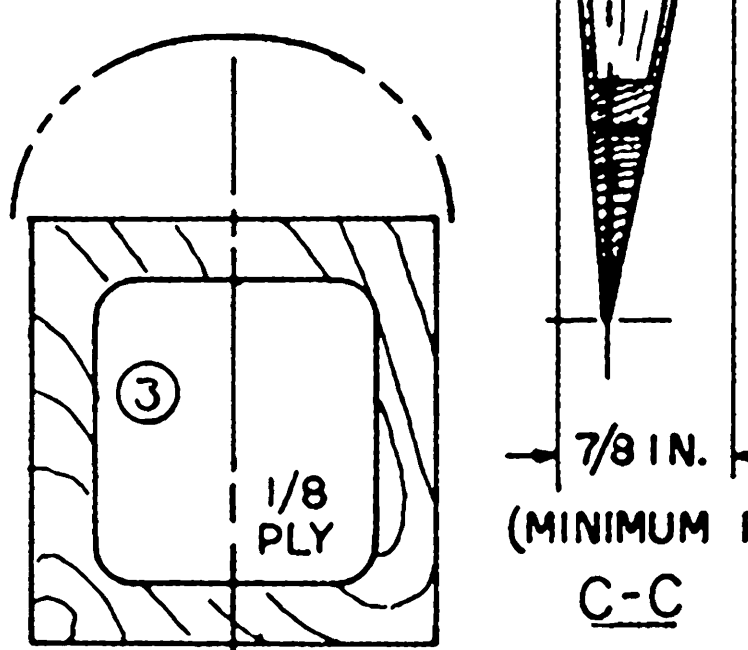
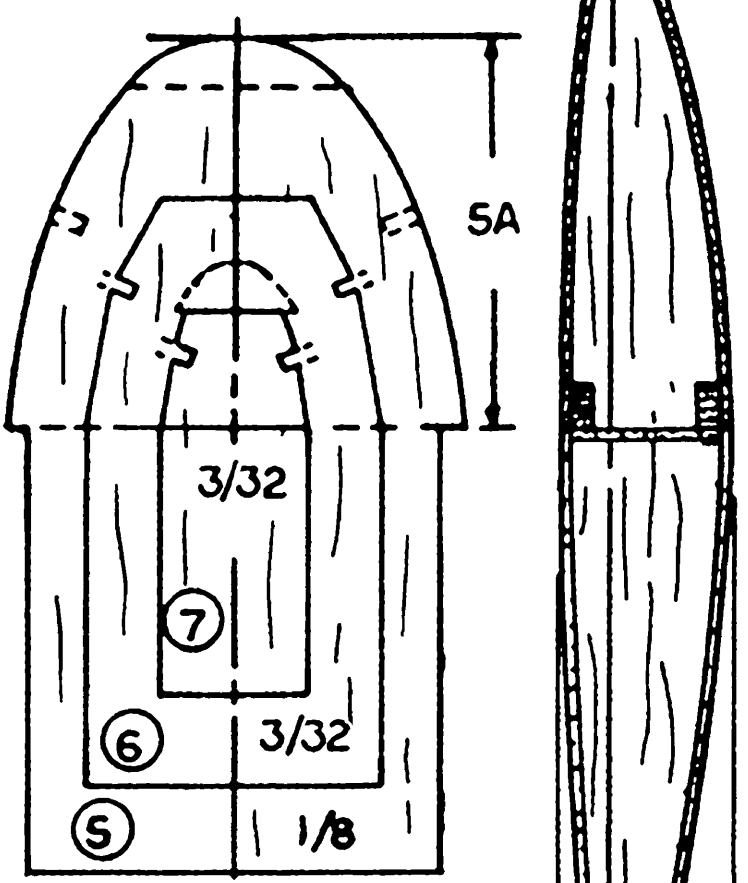


1/4 x 3/8 L.E.



NOTE: TOP L.E. COVER & CAP STRIPS OMITTED TO SHOW INNER DETAIL

1/16 SHEAR WEB
1/16 x 3/16 CAP STRIP

ALL RIBS: 1/16

1/8 x 1/4 SPAR

1/4 x 3/8 T.E.

7/8 IN. (MINIMUM RULE)

HINGE (KLETT RK2)

AILERON TORQUE ROD (1/16 WIRE & 3/32 TUBE)

DOUBLER ON INSIDE (1/16 x 1/4 PLY)

HINGE (MONOKOTE)

HEAT SHIELD WHEN MUFFLER ISN'T USED. (ALUM BEER CAN)

AILERON TRAVEL ± 3/16 IN @ T.E.

SERVO, KRAFT KPS-12 SHOWN

3/32 x 1/4 X-BRACE

FEED

HATCH NOT SHOWN

DOWEL

NOTE: THIS DESIGN REQUIRES AILERON; RUDDER WON'T WORK FOR TURNS.

NOTE: NOSE SHAPED FOR COX TD.051 WITH NO. 2630 TUNED EXH.

ENG. MT. (TATONE #21 1/2)

5/16 x 1/4 HDWD ELEV SERVO MOUNT (CHECK SERVO DIRECTION AND PLACE PUSH ROD ON CORRECT SIDE)

FILLET 3/8 x 3/4 x 5

DOUBLER 3/32 x 1/4

CANOPY (SIG 12 IN.)

GLUE HATCH TO WING

1/4 SHEET

3/32 x 3/16 (SPRUCE)

SPINNER (WILLIAMS 1/2 IN. #115)

HATCH 1 x 2 1/2 x 12

4-40 x 1/2 C.S. & NUTPLATE 3/32 PLY INSERT (1 x 1/2)

5A

1/8 DOWEL (2)

DOUBLER 3/32 x 1/4

WRAP AND EPOXY HORN ELEV TRAVEL ± 1/4 IN. @ T.E.

1/16 PLY

BLOCK, HOLLOW FOR CLEARANCE

BAT, 225 MA

REC'R 3/32 PLY

1/32 PLY DOUBLER

3/32 BOTTOM (X-GRAIN)

STRAP (DU-BROGS25)

L.G. MAKE 2 (3/32 WIRE)

A-A (PARTIAL VIEW)

PROP SUGGESTIONS: TOP FLITE 5/4-4 COX GREY 6-3 (OR -4 CUT TO 5/2 D)

AILERON HORN, (3/32 BRASS TUBE, SOLDERED, DRILLED - KWIK-LINK, DUBRO # NC-39)

WHEEL 1/2 DIA. (WILLIAMS MV-4)

RETAINER (.032 BRASS, SOLDER TO L.G., INSTALL WITH #2 x 1/8 SCREWS)

0 1 2 3 4 5 6 inches

MODEL BUILDER magazine

Plan No: 2752

"CUT-LESS" 1/2 A PYLON RACER

DESIGNED & DRAFTED BY DAVE KATAGIRI

WING AREA = 203 SQ. IN. BODY SECTION = 9 SQ. IN. WING THICKNESS = 7/8 IN. WEIGHT = 22 OZ.

By H.E

AIRFRAME IS Balsa EXCEPT WHERE NOTED. SIZES ARE STOCK BEFORE SHAPING.