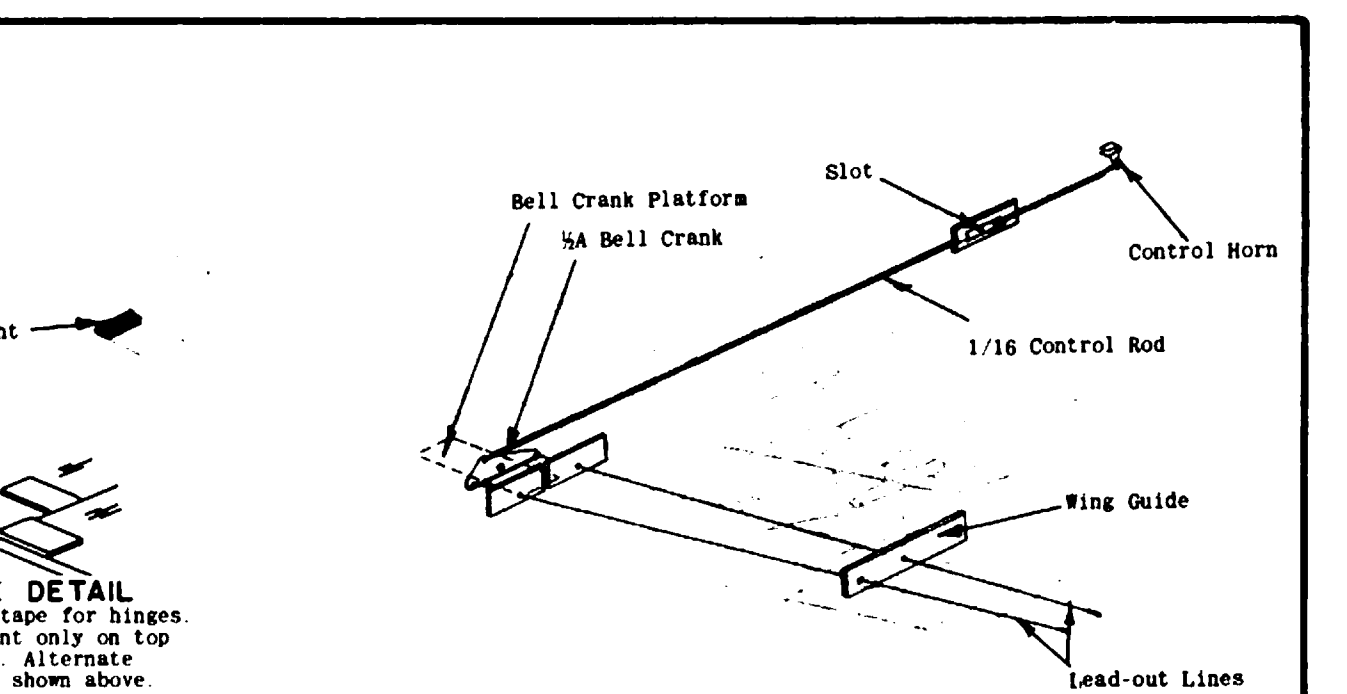




CONTROL LINE INSTALLATION

Control rod at precisely the location of hole in elevator horn, with bell crank in neutral position as shown. Trim off excess and insert into horn. Solder washer on end to prevent rod from coming loose. Cement in place. Cement must be done and must work freely and easily. Cement rudr to end of stabilizer, against rear of fuselage, at angle so that rear of rudr is 1/2" from 1/2" at rear of fuselage. See Assembly Drawing to make fuselage as described in Final Assembly Detail. Make drilling guide from 3/2" bars, drilling holes indicated. Cement on stabilizer, with wing against stabilizer. Show rudr, fuselage, fuselage wing guide holes with washers or eyelets. Thread through holes in wing guide and tie loops. End of loop is 1/2" from end of fuselage. Measure required length when elevator is in neutral position. Control system must operate freely and easily. CAUTION: Model must balance (or trim) before flying. If it does not, it will not fly. If it comes out of the fuselage. If necessary, add weight. Use regular 1/2A control lines and handle when flying your POKER D-7. GOOD LUCK!!!

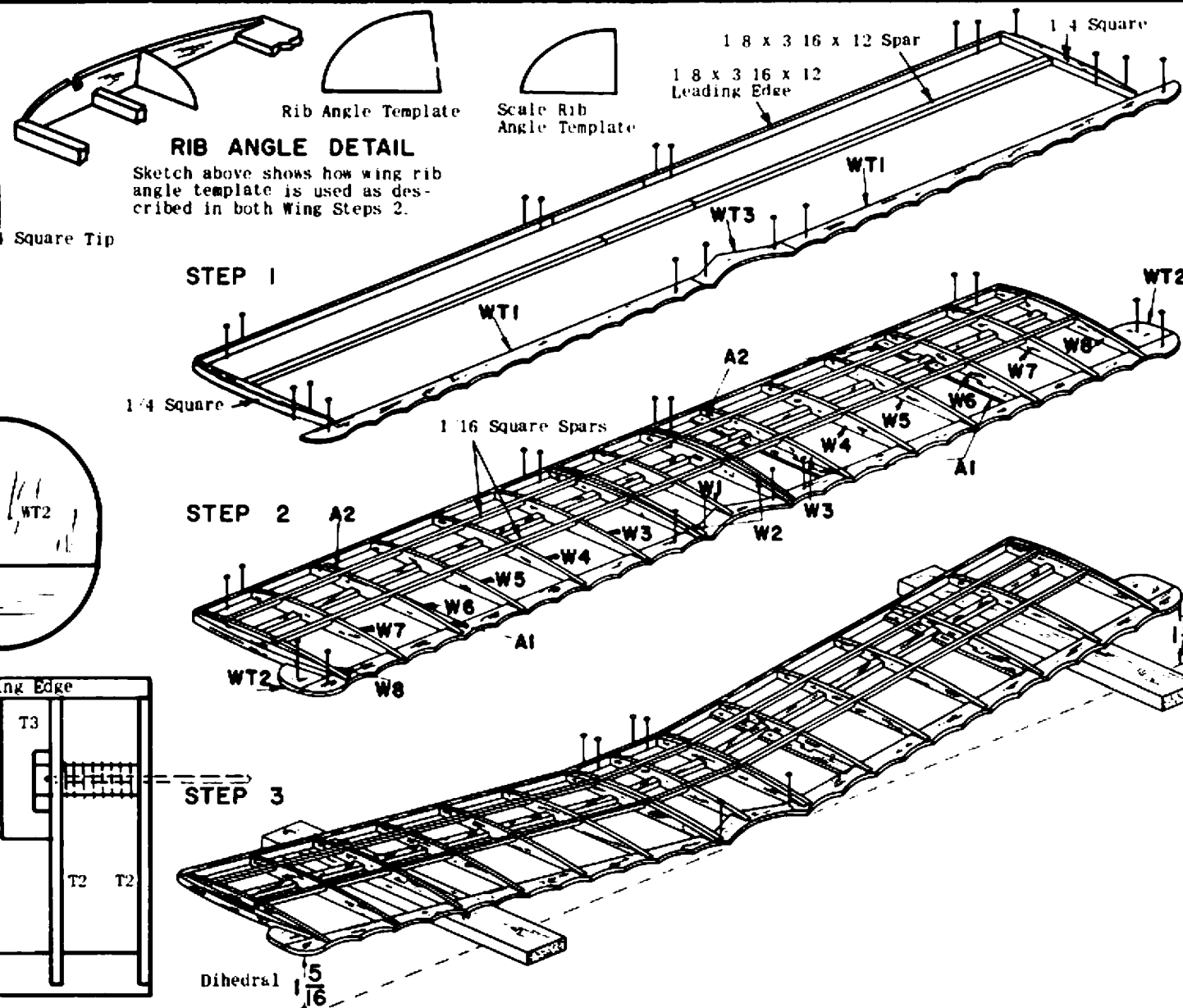
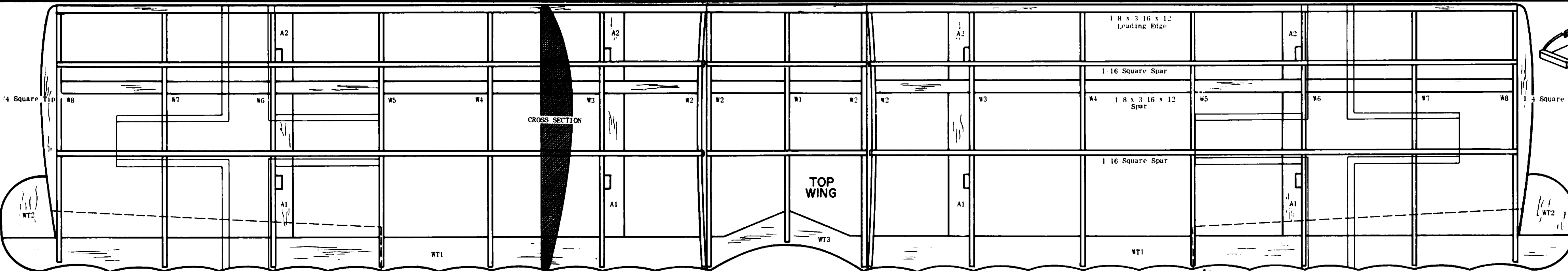
BALANCE	POINT	Subject	P/DV
Control	Line	Rubber	R/C
		Free Flight	

Technical drawing of a mechanical assembly, likely a pump or engine component. The drawing shows a cross-section of a vertical shaft with a large, complex, multi-ported housing or casing. The drawing is labeled with various dimensions and part numbers.

together in same
PLATES: Cut from
and install as des-
ENGINE: Cut
in above sketch.
del paint or enamel
dope can be used
by coats, allowing
between coats. Excessive
c. Parts may be
mounting parts a
a light coat of
of white be-
marker paints may be
e. When cementing
light coats of ce-
necessary, use more
THICK COAT AT
described in either
Installation. Ce-
top of fuselage in
st back of cockpit

FOKKER D-7

recommended that the loops of rubber be lubricated with model lubricant (available at most hobby shops) or Castor Oil. Apply sparingly and KEEP OFF KNOT OR WILL COME LOOSE. If you are not sure you can do this by tightening hook into hand drill. To store winds in motor, stretch rubber from three to five times original length, then proceed to wind, moving slowly back to motor. Feel for resistance and stop when you feel certain it does not get so taut that it breaks. Upon reaching the nose, motor should be completely wound. When replacing rubber motor, purchase contest grade T56 rubber. This is the best rubber for the contest. The rubber is powered from eight models are test and flown in same basic manner as above and is described in Flight Instructions at end of Radio Control Installation Note. GOOD LUCK AND GOOD



TOP WING ASSEMBLY

STEP 1

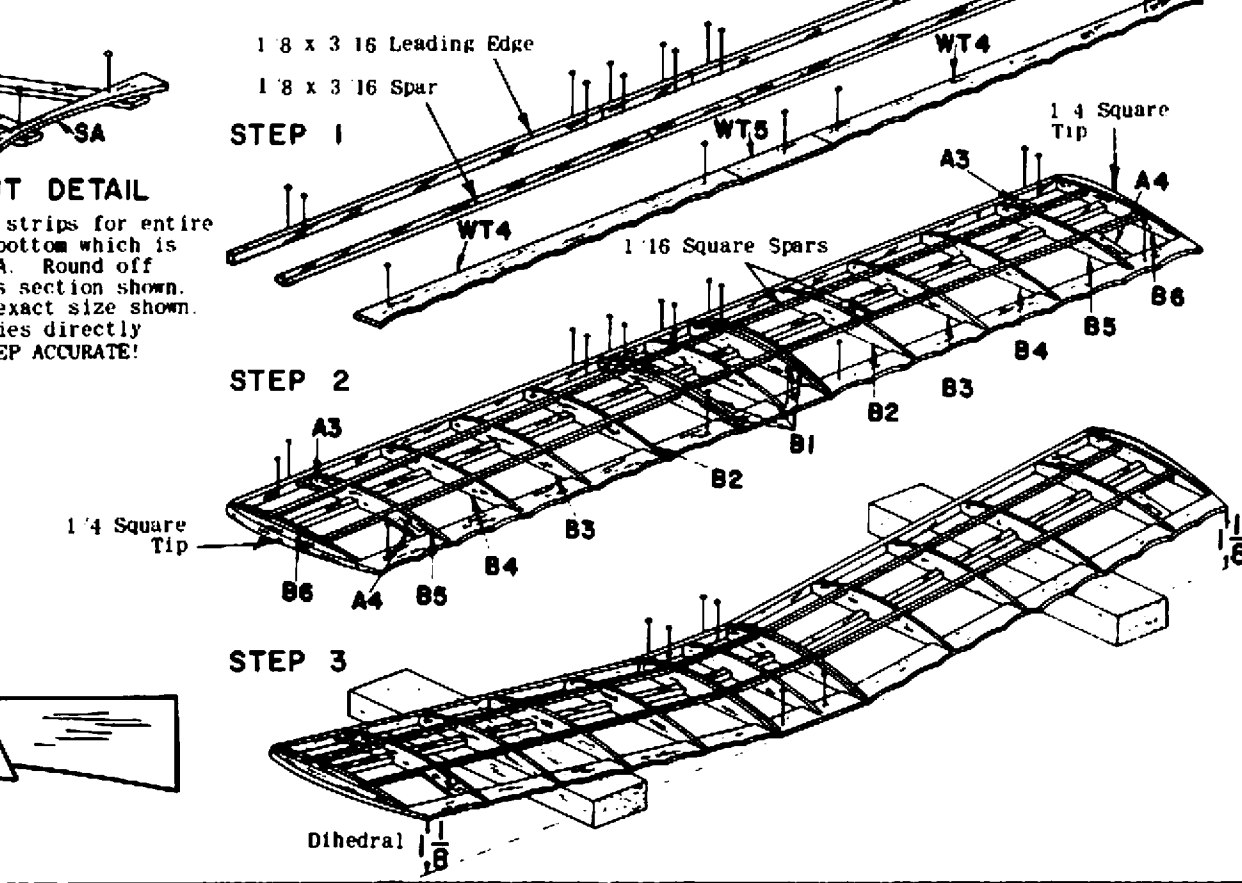
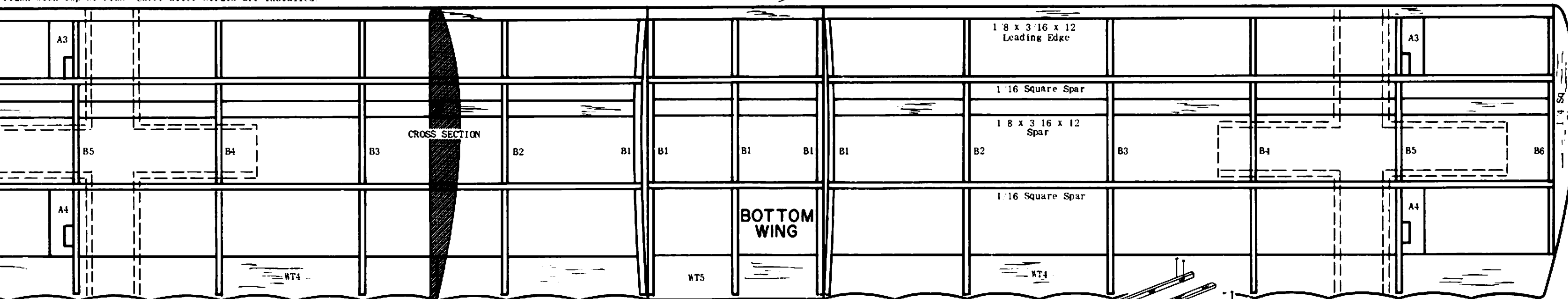
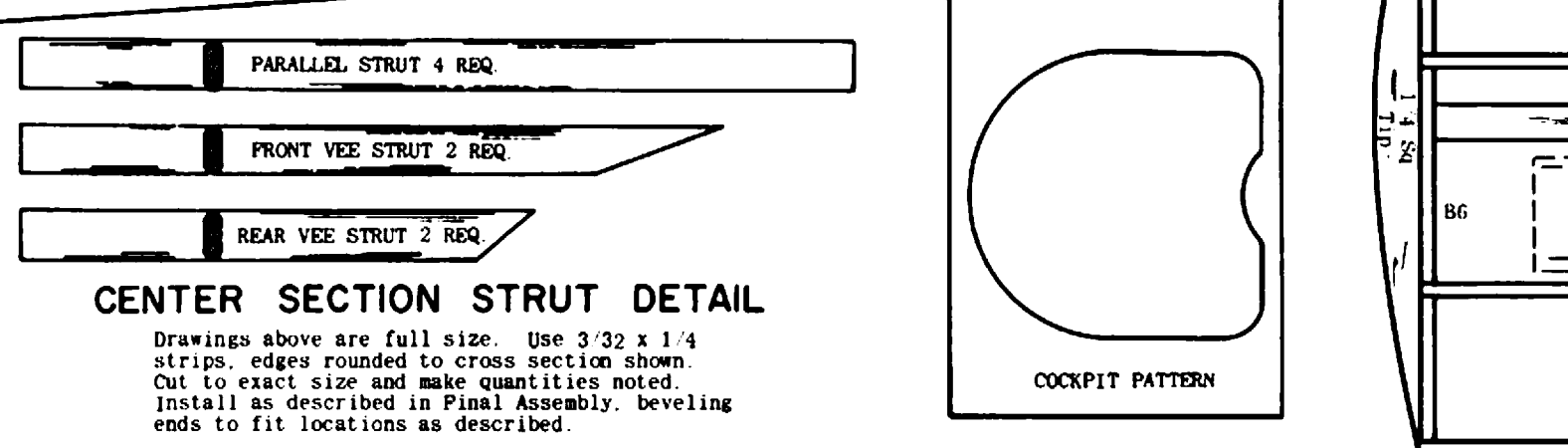
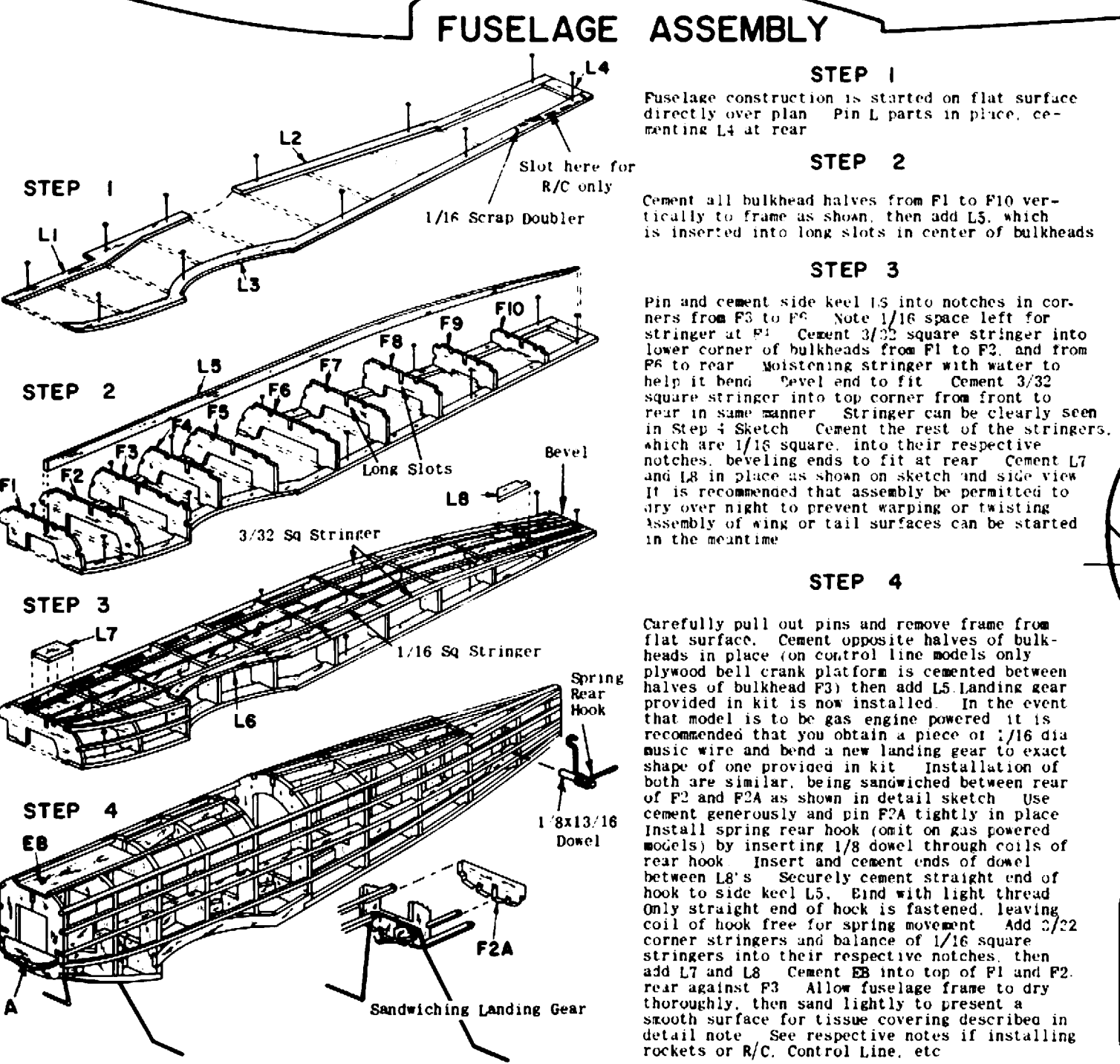
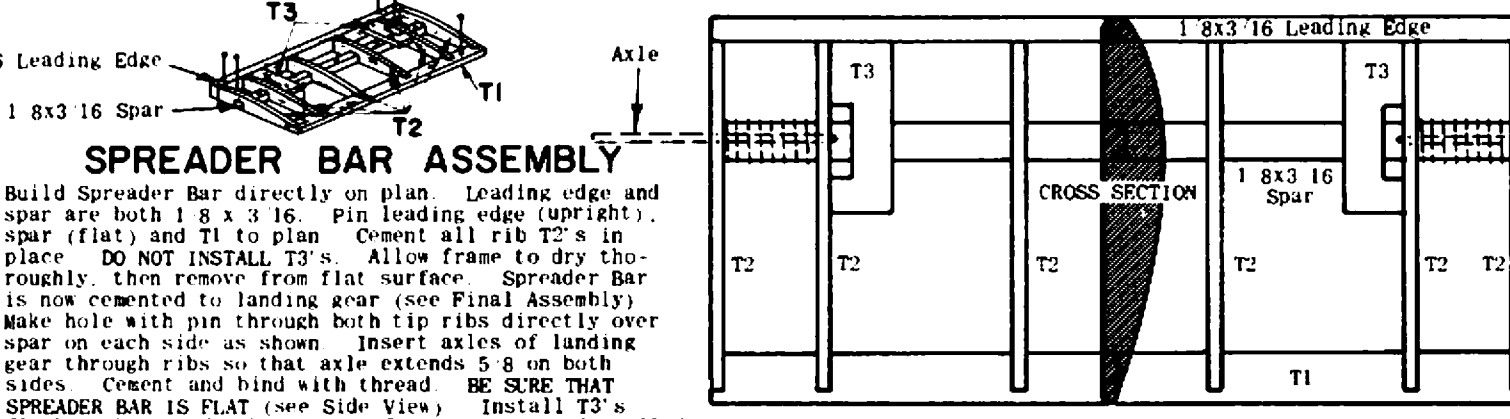
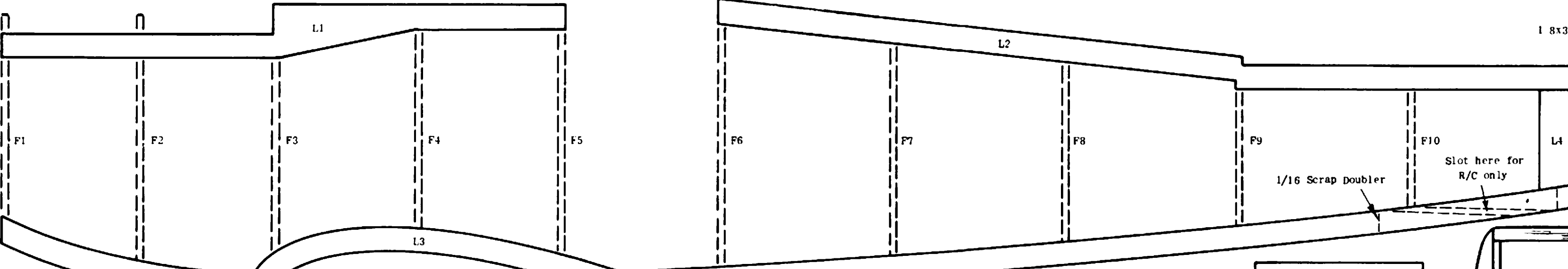
Build wings on flat surface directly on plan. Pin all WT parts in place. Cementing to each other where they join. Using 1/8 x 3/16 x 12, cut main spar comprising of two outer spars and center section. To proper length. Pin in place flat. Cementing to each other over plan where they are joined. 1/8 x 3/16 x 12 is also used for leading edge. Cut three sections in same manner and pin in place in upright position. Cementing where they join. Cut 1/4 square strips to length for wing tips. Trim to curve shown on full size drawing and cement in place against front of WT1's and to ends of leading edges.

STEP 2

Ribs W1 to W8 are now cemented in place. Top wing of real POKER D-7 had slight dihedral built in. Your model wing may be built with scale dihedral. **ONLY IF MODEL IS BEING CONSTRUCTED FOR CONTROL LINE FLYING.** In this case, center section ribs W2's are angled using scale rib angle template and tips on either side raised 3/8" as shown and described in next step. On all other models except control line, use rib angle template which will give the 1-5/16 dihedral as shown in Step 3 Sketch. All other ribs are cemented in place vertically. Cement WT2's to tips against trailing edge. Cement four each A1's & A2's (strut supports) in place as shown above and in full size wing plan. Cement 1/16 square spars into notches along top of ribs. Cut flush at tip ribs W8. Allow frame to dry thoroughly before removing from flat surface.

STEP 3

Pull out pins carefully and remove frame from flat surface. Separate sections and trim & sand leading edge to shape shown on wing cross-section. Round off tips & trailing edge as shown, to blend smoothly into each other. Trim off leading edge, spar and trailing edge flush to angle of ribs W2, then cement sections together on flat surface, blocking up each side 1-5/16 (or 3/8 for scale) at tip rib as shown. Measure must be the same at leading and trailing edge so that wing is not warped. Center section should be pinned or weighted to keep flat on surface. Use cement generously and allow to dry thoroughly. When dry, sand frame smooth to prepare for tissue covering.



BOTTOM WING ASSEMBLY

STEP 1

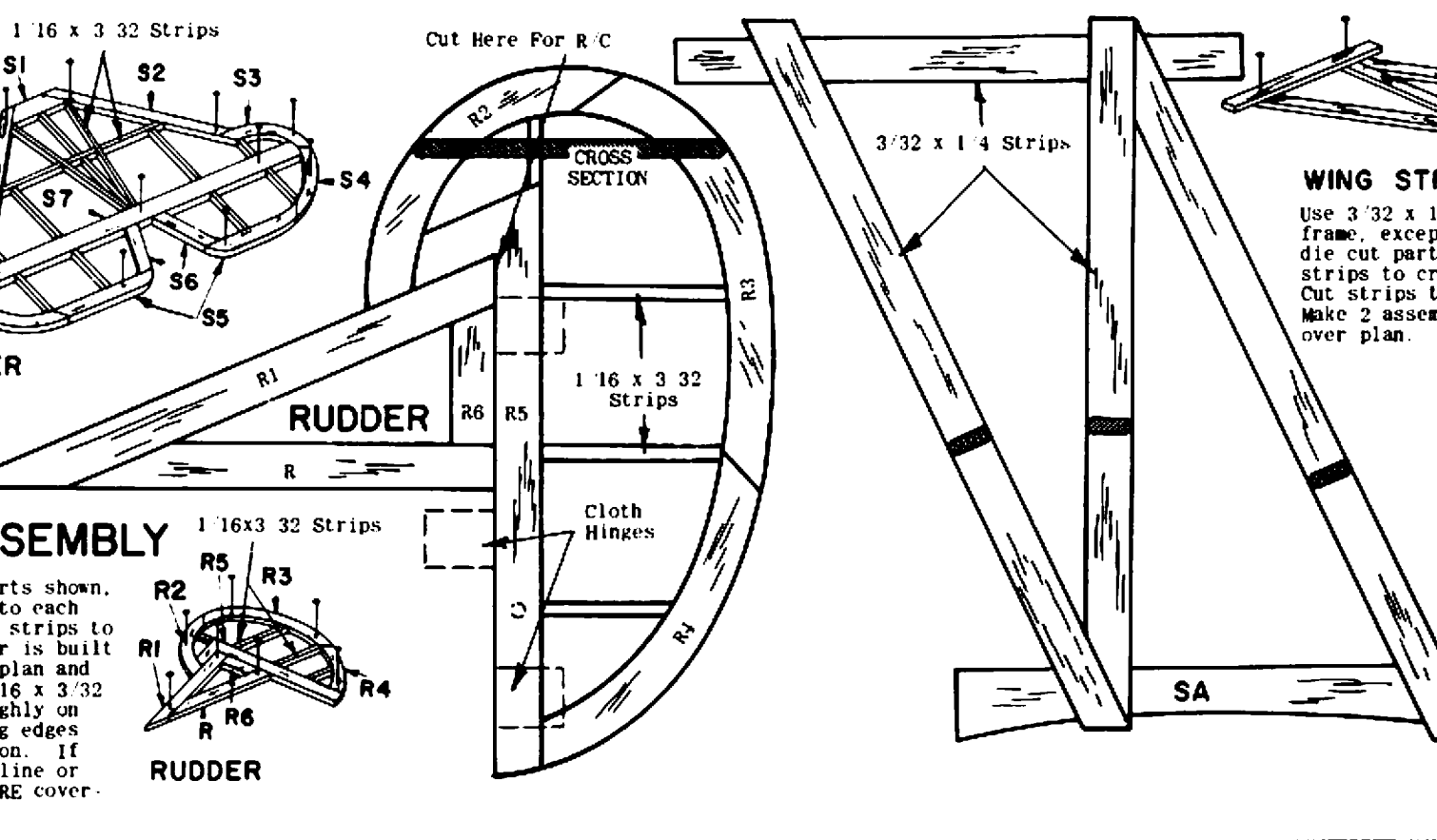
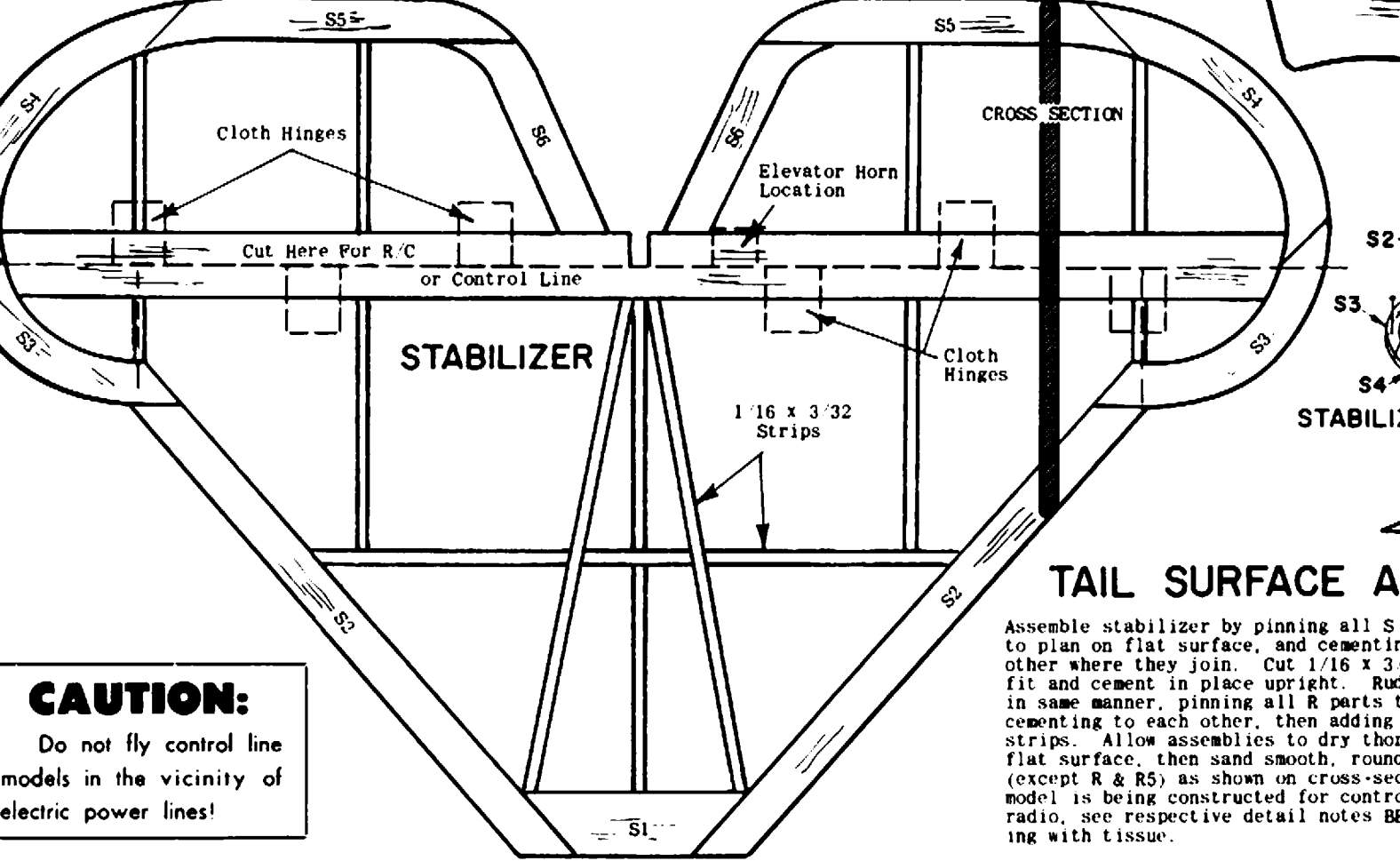
Build bottom wing in same manner as top wing, using parts shown.

STEP 2

Cut 1/4 square tips to length and trim to curve. Ribs B1 to B6 are now cemented in place. For scale dihedral on CONTROL LINE MODELS ONLY, use scale rib angle template for center section ribs B2. For all other models use other rib angle template shown. Cement trimmed 1/4 square tips in place against ribs B6's. Cement 1/16 square spars into notches along top of ribs, trimming flush at B6's. Cement A3's and A4's (2 of each) in place flush with top of rib B5's as shown. Allow frame to dry thoroughly.

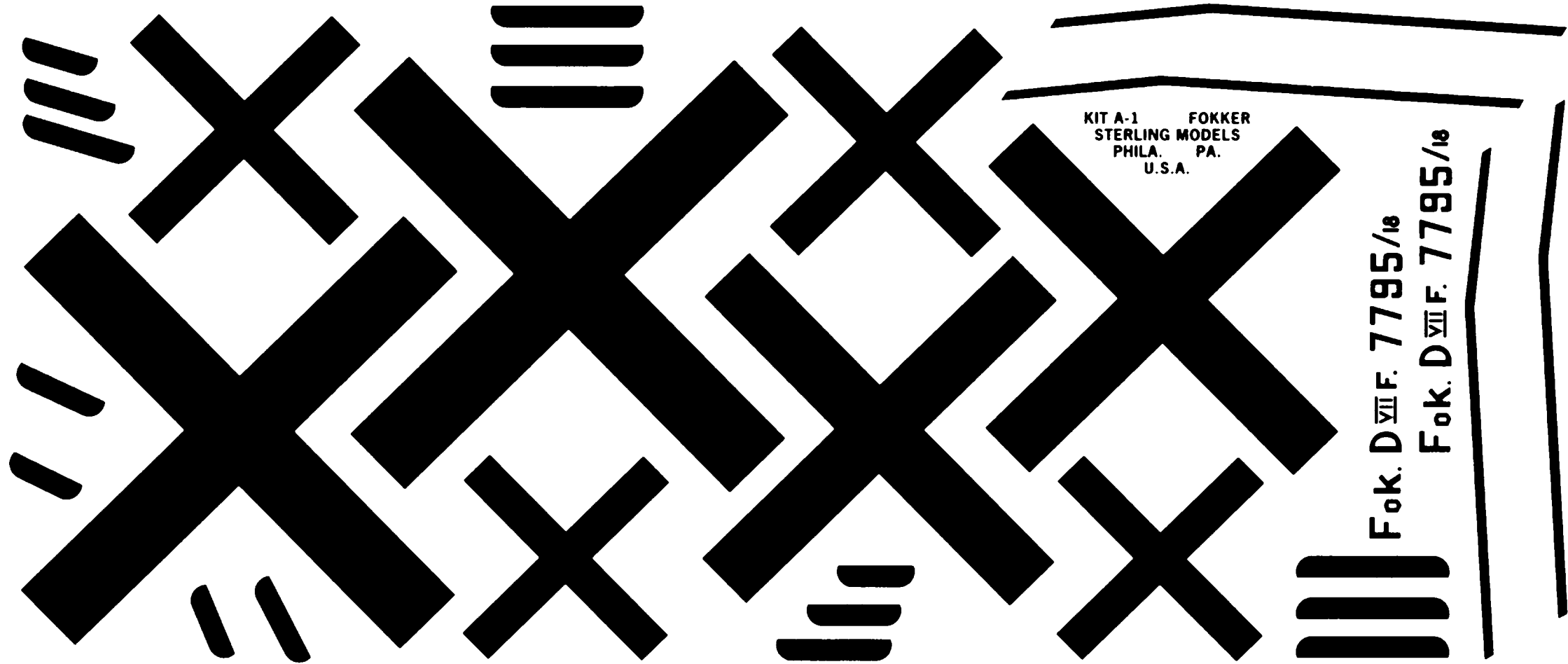
STEP 3

Carefully pull out pins and remove frame from flat surface. Separate sections, shape leading edge, tips and trailing edge in same manner as top wing, then trim leading edge, spar & trailing edge flush with angled ribs. Cement sections together to form 1-1/8 dihedral angle on both sides at tip rib using blocks as shown. Pin down or weight center section and see that bottom of both leading and trailing edges are 1-1/8 from flat surface so that wing is not warped. Dihedral measurement should only be 5/16 under each tip for (scale) CONTROL LINE MODEL ONLY. When thoroughly dry, remove from flat surface and sand smooth to prepare for tissue covering.



CAUTION:

Do not fly control line models in the vicinity of electric power lines!



KIT A-1 FOKKER
STERLING MODELS
PHILA. PA.
U.S.A.

Fok. D^{VII}F. 7795/18
Fok. D^{VII}F. 7795/18

0 1 2 3 4 5 6

