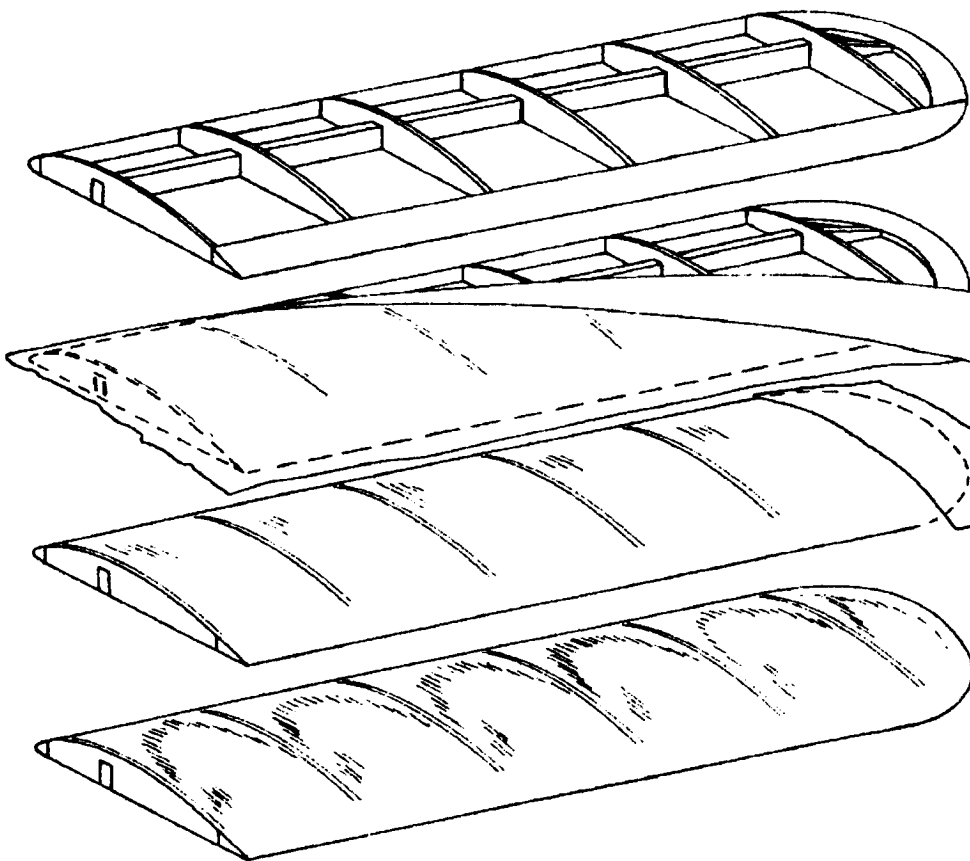


## THE FOUR STAGES OF WING COVERING



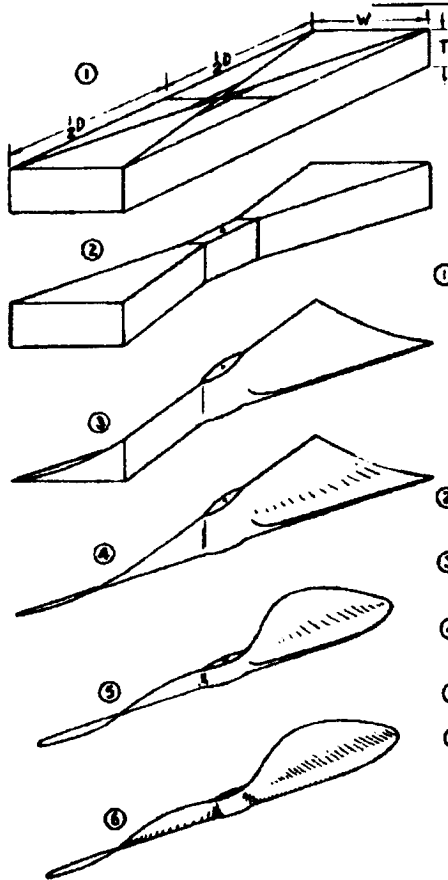
APPLY DOPE TO CENTER SECTION RIB AND TRAILING EDGE. CUT A PIECE OF TISSUE SLIGHTLY LARGER THAN THE WING TO BE COVERED.

SPREAD TISSUE EVENLY ON WING BEFORE DOPE BEGINS TO SHOW SIGNS OF DRYING. APPLY DOPE TO LEADING EDGE AND TIP RIB.

SMOOTHEN OUT TISSUE OVER ENTIRE SURFACE OF WING. APPLY DOPE TO TIP PORTION AND COVER WITH SMALL PIECE OF TISSUE.

COVER BOTTOM SURFACE AND SPRAY ENTIRE WING WITH WATER. WHEN DRY, BRUSH ON TWO COATS OF CLEAR NITRATE DOPE.

## HOW TO CARVE PROPELLERS



GENERALLY SPEAKING, THERE ARE TWO TYPES OF MODEL PROPELLERS. THE HELICAL TYPE ON THE LEFT, USED ON INDOOR MODELS, AND THE CONTEST TYPE AS SHOWN AT RIGHT, POPULAR FOR OUTDOOR STICK AND CABIN TYPE MODELS.

① FOR HELICAL TYPE, DIVIDE LENGTH INTO TWO EQUAL PARTS AND DRAW DIAGONAL LINES ON FRONT AND REAR OF BLOCK.

IN MAKING TYPE SHOWN AT RIGHT DIVIDE LENGTH INTO FOUR EQUAL PARTS. DRAW IN DIAGONALS IN TWO CENTER SPACES AND TAPER TIPS TO ONE HALF THE NORMAL DEPTH.

② CARVE AWAY THE PORTIONS OUTSIDE THE DIAGONAL LINES. TAPER TIPS IN TYPE AT RIGHT.

③ CAREFULLY CARVE AWAY UNDERCAMBERED PORTION AND DRILL PROP SHAFT HOLE.

④ CARVE FRONT FACE AWAY CUT IN REAR OF PROP AT HUB TO HALF NORMAL DEPTH.

⑤ TRIM BLADES TO DESIRED OUTLINE USING PAPER TEMPLATE.

⑥ SANDPAPER TO PROPER AIRFOIL SECTION. DOPE UNTIL GLOSSY FINISH IS OBTAINED.

IN THE ABOVE SKETCHES.  
 D STANDS FOR DIAMETER  
 T " " THICKNESS  
 W " " WIDTH

