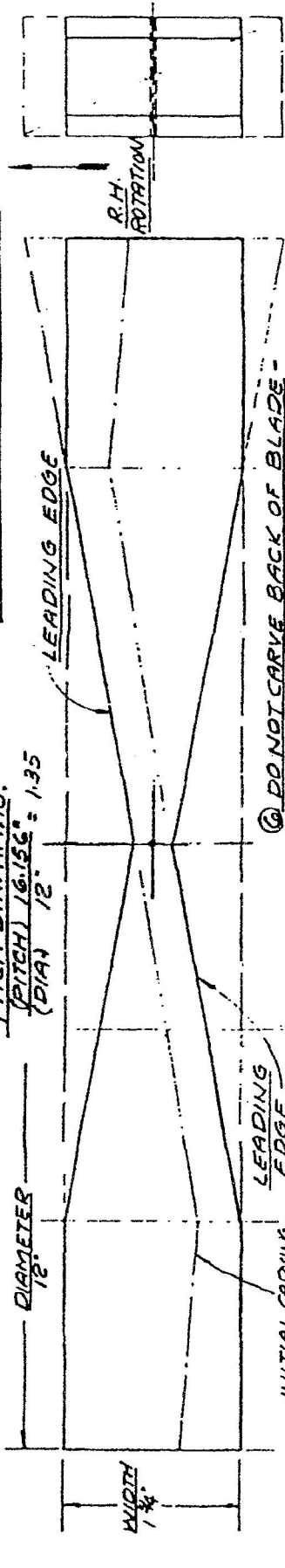


CARVED BALSAM WOOD PROPELLER PLAN/GUIDE

- ① CARVE BACK OF BLADE - FLAT - BUT TO HELIX OF HUB
- ② CARVE (SMALL SHAVINGS!) CONCAVE (SEE SECTIONS)
- ③ CARVE FACE TO LINES - FLAT - BUT TO HELIX.
- ④ CARVE TOP CURVE & ROUGH SAND.
- ⑤ LAYOUT BLADE OUTLINE INCLUDING HUB CUT-IN; CARVE BLADE SHAPE - MAKE PAPER PATTERN AND SHAPE OPPOSITE BLADE.

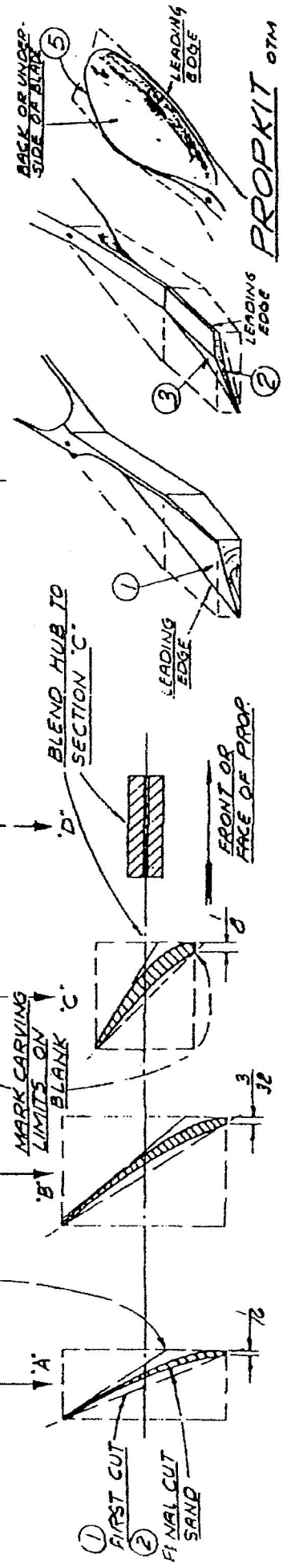
PITCH: DISTANCE PROP WILL ADVANCE IN ONE REVOLUTION.
 PITCH MAY BE CALCULATED AT ANY POINT ON THE PROP BLADE.
 $PITCH = \pi (3.1416) \times DIA. \times THICKNESS$ (DIVIDE BY) WIDTH
 $\frac{\pi (12) (.75)}{.125} = 16.156" \text{ PITCH}$

PITCH DIA. RATIO:
 $\frac{PITCH}{DIA} = \frac{16.156}{12} = 1.35$



END VIEW

NOTE THAT TIP TAPER OF BLANK GIVES THE SAME ANGLE AS AN "X" LAYOUT (SAVES WOOD)



PROPKIT 07M