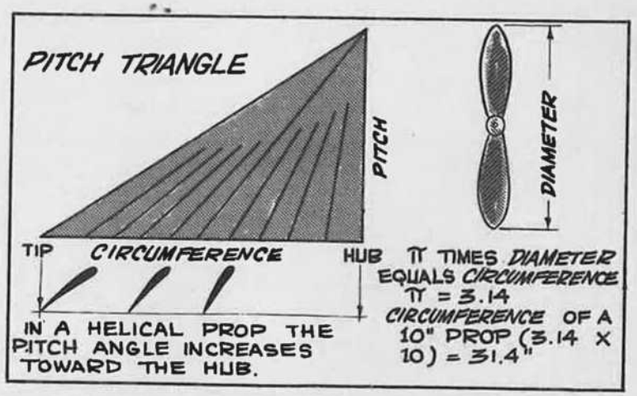
FIXIT WRIGHT







"... THE PITCH ANGLES CAN BE FOUND BY DRAWING A PITCH TRIANGLE. THIS IS DONE BY USING THE CIRCUMFERENCE OF THE PROP AND THE PITCH DESIRED. INTERMEDIATE ANGLES CAN THEN BE FOUND EASILY. NOTE THAT THE TIP HAS THE LOWEST ANGLE."



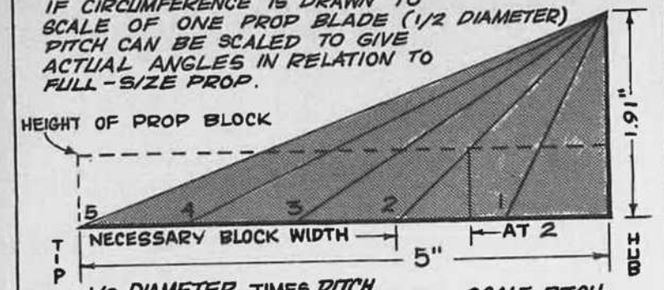




"IF YOU DRAW THE CIRCUMFERENCE SO THAT IT EQUALS 1/2 OF THE PROP DIAMETER, YOU CAN ACTUALLY FIGURE OUT THE NECESSARY BLOCK WIDTHS AND HEIGHTS."

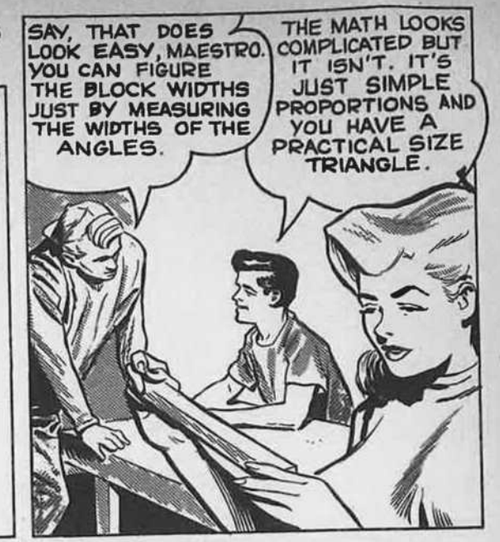
CIRCUMFERENCE 10" PROP = 31.4"
DESIRED PITCH 12"

IF CIRCUMFERENCE IS DRAWN TO SCALE OF ONE PROP BLADE (1/2 DIAMETER) PITCH CAN BE SCALED TO GIVE ACTUAL ANGLES IN RELATION TO FULL-SIZE PROP.



1/2 DIAMETER TIMES PITCH / CIRCUMFERENCE EQUALS SCALE PITCH

∴ 5 X 12 / 31.4 = 1.91"





"NOTICE HOW THE WIDTH CAN BE PLOTTED TO STATION 3. THEN THE BLOCK BECOMES TOO NARROW AND THE HEIGHT SHOULD BE PLOTTED. THE EXTRA WOOD (CUT DOWN) IS CARVED OFF BEFORE MAKING THE PROP."

