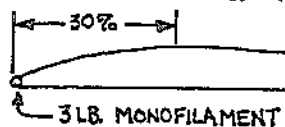


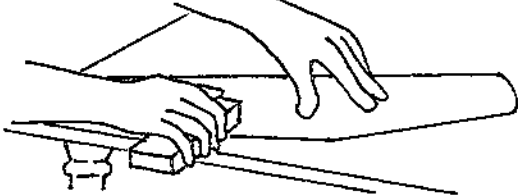
⑥ "HOOKER™" TYPE POP-POD IS 12" BF-20 PLUS THE USUAL POD FIXIN'S

⑦ POP ATTACHMENT SYSTEM IS MADE FROM 1/4" WIRE SPRUCE WITH 1/32" PLYWOOD ALIGNMENT PLATES GLUED TO THE FORWARD FUSELAGE

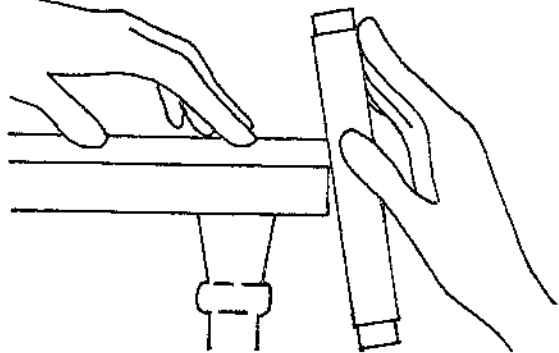
① USE 100 GRIT PAPER AND A SANDING BLOCK TO AIRFOIL THE WING AS SHOWN. 3 LB. MONO-FILAMENT MAY BE GLUED TO THE LEADING EDGE FOR EXTRA STRENGTH AND DURABILITY.



② CORRECT WAY TO AIRFOIL THE WING - GENTLY STROKE THE Balsa WITH THE GRain TO PREVENT ACCIDENTAL DAMAGE TO THE WING.

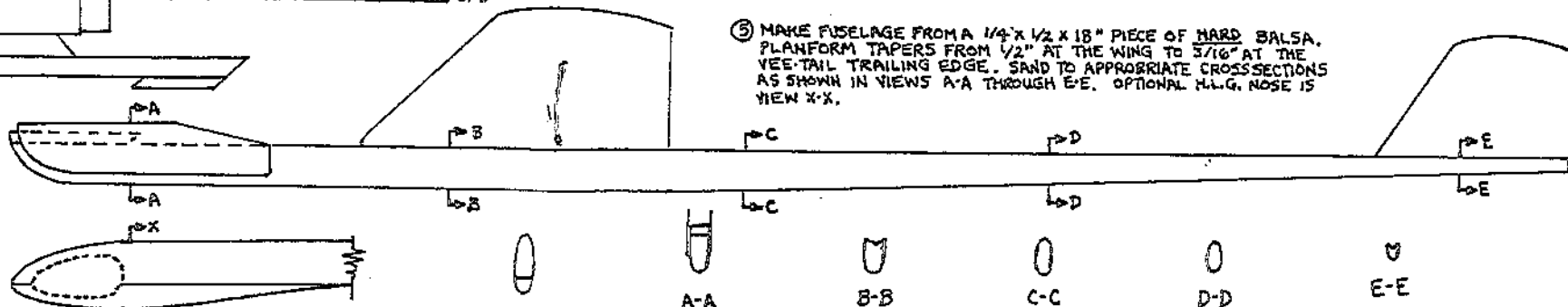


③ USE THE SANDING BLOCK TO BEVEL DIHEDRAL ANGLES FOR THE WING AND VEE-TAIL. THIS IS NECESSARY FOR MAXIMUM STRENGTH AND CORRECT ALIGNMENT.



LONGHORN-16 STANDARD ENGINE BOOST/GLIDER
DESIGNED & DRAWN BY TONY "MADDOG" WILLIAMS

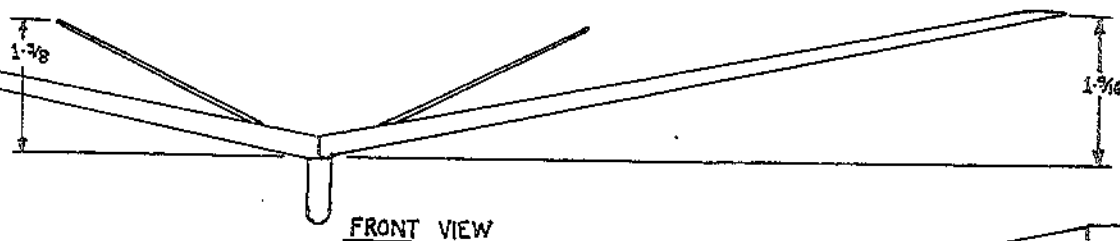
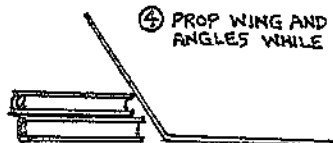
⑤ MAKE FUSELAGE FROM A 1/4" x 1/2" x 18" PIECE OF HARD Balsa. PLANFORM TAPERS FROM 1/2" AT THE WING TO 3/16" AT THE VEE-TAIL TRAILING EDGE. SAND TO APPROPRIATE CROSS SECTIONS AS SHOWN IN VIEWS A-A THROUGH E-E. OPTIONAL H.L.G. NOSE IS VIEW X-X.



OPTIONAL HAND-LAUNCH GLIDER NOSE - FORWARD AREA MAY BE HOLLOWED AND BALLAST ADDED. COVER WITH MONOKOTE OR ADHESIVE MYLAR.

⑥ ASSEMBLE THE GLIDER AND CHECK FOR PROPER ALIGNMENT AS SHOWN IN FRONT VIEW. ADD GLUE FILLETS TO ALL JOINTS.

④ PROP WING AND VEE-TAIL TO EXACT ANGLES WHILE GLUE DRIES.



ALL DIMENSIONS GIVEN IN INCHES

