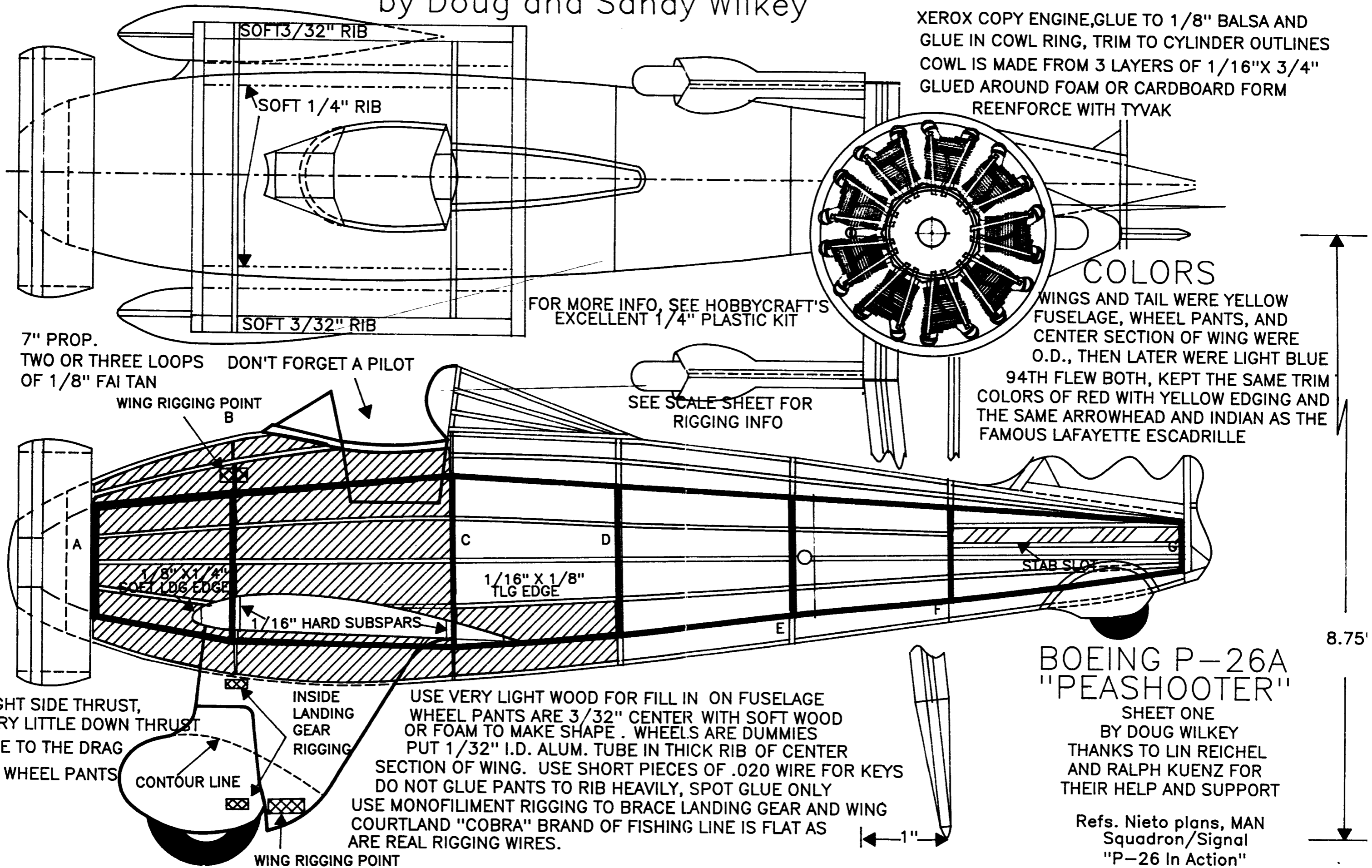


FLYING ACES CLUB CONTEST 1995 by Doug and Sandy Wilkey



XEROX COPY ENGINE, GLUE TO 1/8" Balsa AND GLUE IN COWL RING, TRIM TO CYLINDER OUTLINES COWL IS MADE FROM 3 LAYERS OF 1/16" X 3/4" GLUED AROUND FOAM OR CARDBOARD FORM REINFORCE WITH TYVAK

COLORS

WINGS AND TAIL WERE YELLOW FUSELAGE, WHEEL PANTS, AND CENTER SECTION OF WING WERE O.D., THEN LATER WERE LIGHT BLUE 94TH FLEW BOTH, KEPT THE SAME TRIM COLORS OF RED WITH YELLOW EDGING AND THE SAME ARROWHEAD AND INDIAN AS THE FAMOUS LAFAYETTE ESCADRILLE

FOR MORE INFO, SEE HOBBYCRAFT'S EXCELLENT 1/4" PLASTIC KIT

SEE SCALE SHEET FOR RIGGING INFO

7" PROP. TWO OR THREE LOOPS OF 1/8" FAI TAN DON'T FORGET A PILOT

RIGHT SIDE THRUST, VERY LITTLE DOWN THRUST DUE TO THE DRAG OF WHEEL PANTS

CONTOUR LINE

INSIDE LANDING GEAR RIGGING

WING RIGGING POINT

USE VERY LIGHT WOOD FOR FILL IN ON FUSELAGE WHEEL PANTS ARE 3/32" CENTER WITH SOFT WOOD OR FOAM TO MAKE SHAPE. WHEELS ARE DUMMIES PUT 1/32" I.D. ALUM. TUBE IN THICK RIB OF CENTER SECTION OF WING. USE SHORT PIECES OF .020 WIRE FOR KEYS DO NOT GLUE PANTS TO RIB HEAVILY, SPOT GLUE ONLY USE MONOFILMENT RIGGING TO BRACE LANDING GEAR AND WING COURTLAND "COBRA" BRAND OF FISHING LINE IS FLAT AS ARE REAL RIGGING WIRES.

BOEING P-26A "PEASHOOTER"

SHEET ONE
BY DOUG WILKEY
THANKS TO LIN REICHEL AND RALPH KUENZ FOR THEIR HELP AND SUPPORT

Refs. Nieto plans, MAN Squadron/Signal "P-26 In Action"

FLYING ACES CLUB CONTEST 1995 SHEET TWO BY DOUG WILKEY

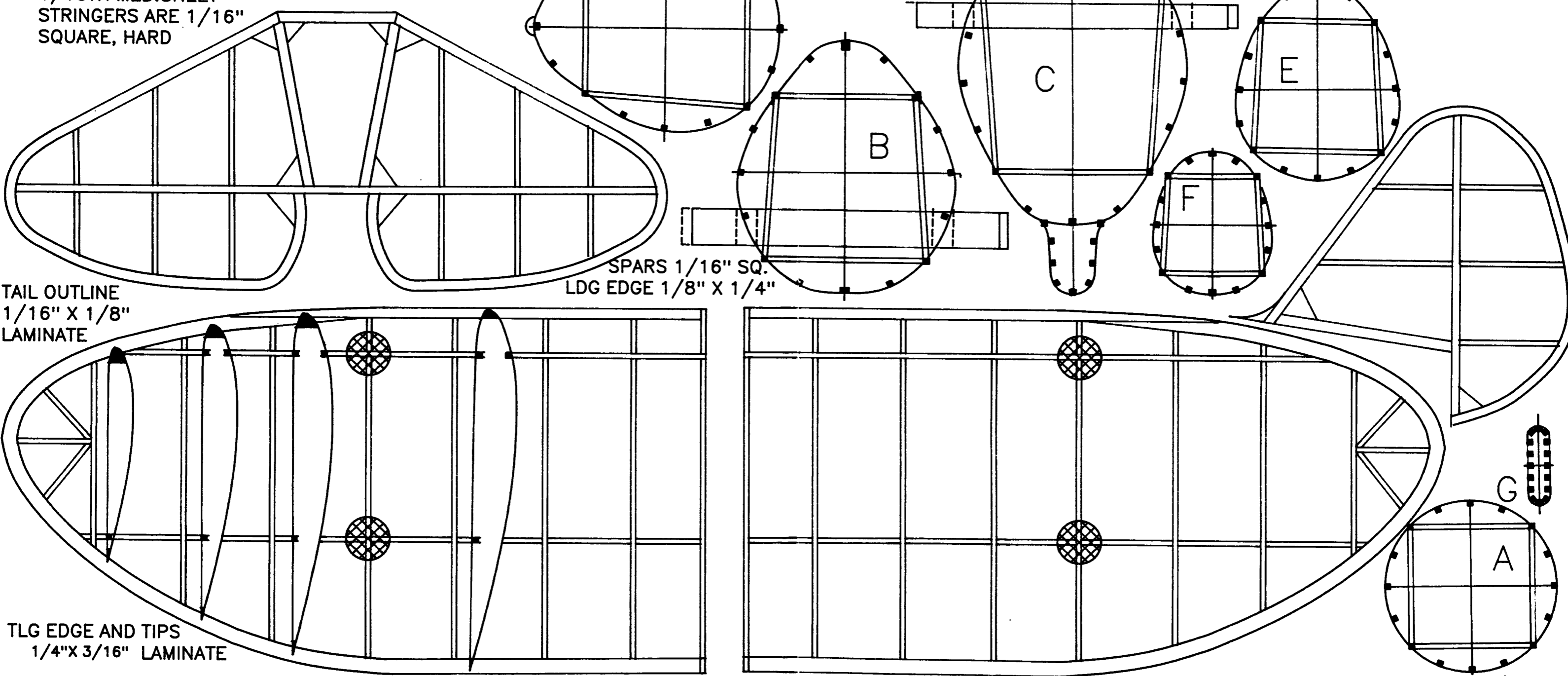
THE KEY TO A GOOD MODEL IS CAREFUL CONSTRUCTION AND USE OF JIGS WHEN NECESSARY. THE FUSELAGE BOX IS BUILT FIRST AND THEN ADD A SHIM ON THE BACK OF STATION B AND THE FRONT OF STATION C. SHIM AT B IS 3/32" HIGH AND 1/16" AT C. THE SUB SPARS FOR THE CENTER SECTION GLUED TO THE TOP OF THESE SPACERS. CUT TWO RIBS FROM SOFT 1/8" Balsa AND ADD TO SUB SPAR TIPS. ADD LEADING EDGE TO FRONT OF RIBS, AND TLG EDGE TO REAR. CUT TWO RIBS FROM SOFT 1/4" Balsa SLICE IN SECTIONS AND REMOVE SPAR, LDG EDGE, AND TRAILING EDGE SECTIONS. GLUE SIDES OF BULKHEAD B AND C IN PLACE. FIT FRONT SECTIONS OF RIBS IN PLACE BETWEEN LEADING EDGE AND SPAR AT B. GLUE MID SECTION BETWEEN SPAR AT B AND SPAR AT C. THEN ADD AFT SECTION BETWEEN C AND TLG EDGE. FIT THICK RIBS HALF IN FUSELAGE AND HALF AS ROOT RIB OF CENTER SECTION. AFTER CENTER SECTION IS ASSEMBLED TO BOX, REMAINING BULKHEAD PIECES CAN BE ADDED TO THE BOX FRAME. DO NOT NOTCH THE BULKHEADS FOR STRINGERS UNTIL THEY ARE GLUED IN PLACE. MAKE A MINIATURE CHALK LINE FROM THREAD AND CHALK DUST, AND SNAP A LINE AT EACH STRINGER LOCATION. SIMPLY STRETCH THE THREAD BETWEEN STATION A AND G AND ADJUST UNTIL IT IS STRAIGHT. USE YOUR FAVORITE NOTCHING METHOD, SAND OR CUT. THE STRINGERS WILL BE STRAIGHT AND LOOK GREAT. FILL IN AS SHOWN WITH VERY SOFT ALMOST PUNKY 3/32" AND SAND TO SHAPE. ON LAMINATIONS, KEEP TENSION ON THE STRIPS AS YOU PULL THEM AROUND THE FORM AND THERE WILL BE LESS BREAKAGE. USE DILUTE CARPENTER'S GLUE, AND PULL ENTIRE STACK AT ONE TIME. SOAK IN WATER WITH A LITTLE HOUSEHOLD AMMONIA ADDED HOPE THESE TIPS HELP IN BUILDING THIS PEASHOOTER.

ADD HEADREST AFTER FUSELAGE IS COVERED. MAY BE FOAM, NOT BUILTUP SAME FOR TAILWHEEL

BULKHEADS ARE 1/16TH MED. SHEET STRINGERS ARE 1/16" SQUARE, HARD

SUB SPARS ON B & C HARD 1/16"

ONLY SECTIONS A & G ARE SQUARE, OTHER SECTIONS ARE TRAPAZOIDS USE JIGS.



TAIL OUTLINE 1/16" X 1/8" LAMINATE

SPARS 1/16" SQ. LDG EDGE 1/8" X 1/4"

TLG EDGE AND TIPS 1/4" X 3/16" LAMINATE