



GLUE HEAVY THREAD TO WING LEADING EDGE FOR "DING" PROTECTION.

DIHEDRAL BREAK: SCORE WING ON LOWER SURFACE AND CRACK. FILL TAPERED GAP WITH GLUE AND BALSA DUST. (TYPICAL 2 PLACES)

FULL SIZE PATTERN
RUDDER: MAKE FROM 1/32" THICK 4 TO 6 LB./CU. FT. "C" GRAIN BALSA SHEET.

APPLY GLUE FILLET BETWEEN WING AND FUSELAGE. (TYPICAL 2 PLACES)

NOTE: WASH-IN WEDGE AND TURN WEDGE ARE SHOWN FOR A LEFT TURNING GLIDER. FOR A RIGHT TURNING GLIDER, INSTALL WASH-IN WEDGE, TURN WEDGE AND RUDDER ON THE OPPOSITE SIDE OF GLIDER.

WASH-IN WEDGE

DOUBLER
MAKE FROM 1/2" WIDE JAPANESE TISSUE WITH GRAIN 90 DEGREES TO LONG SIDE. GLUE TO LOWER SURFACE OF WING WITH THINNED DUCO CEMENT. (TYP. 2 PLACES)

TURN WEDGE
GLUE BETWEEN RUDDER AND FUSELAGE STICK.

FULL SIZE PATTERN
TURN WEDGE: MAKE FROM 1/32" X 0.21 X 0.30 SCRAP BALSA.

NOTE: ONLY HALF OF THE WING IS SHOWN. WHEN MAKING WING USE 1/16" X 3" X 12" BALSA SHEET.

WING: MAKE FROM 1/16" THICK 4 TO 6 LB./CU. FT. "C" GRAIN BALSA SHEET.

ADD CLAY TO NOSE OF FUSELAGE AS REQUIRED TO OBTAIN NOTED B. P. (BALANCE POINT)

BIND WITH THREAD AND APPLY GLUE.

GLUE SANDPAPER GRIP BOTH SIDES.

CATAPULT HOOK

B.P.

STABILIZER

7.9" 3/8" FULL SIZE PATTERN grain

FUSELAGE: MAKE FROM 1/8" X 3/8" X 15.8" 12 TO 15 LB./CU. FT. "A" OR "B" GRAIN HARD BALSA STICK.

FULL SIZE PATTERN grain

NOTE: STRAIGHT TAPER FROM POINTS A TO B.

2.0" (REF) 1.8" (REF) FULL SIZE PATTERN grain
STABILIZER: MAKE FROM 1/32" THICK 4 TO 6 LB./CU. FT. "C" GRAIN BALSA SHEET.

NOTE: ONLY HALF OF STABILIZER IS SHOWN. WHEN MAKING STABILIZER USE 1/32" X 1.8" X 4" BALSA SHEET.

FULL SIZE PATTERN grain
WASH-IN WEDGE: MAKE FROM 3/32" X 3/8" TRAILING EDGE STOCK.

FULL SIZE PATTERN grain
CATAPULT HOOK: MAKE FROM 1/8" THICK HARD SCRAP BALSA.

FP-11 MK. II CATAPULT GLIDER	
WINGSPAN: 11.39"	LENGTH: 16.10"
DRAWN: D.HIGGINS 10/18/2020	
SCALE: 1/2 AND NOTED	PAGE 1 OF 1