RCModeler
F-12
1/4" SHEET BALSA - 2 REQ'D.
F-13
1/32" PLYWOOD - 2 REQ'D.
1/4" SQ. BALSA
F-14
F-15
FUSELAGE SIDE DETAIL - 2 REQ'D.
RF-5 R-5 1/8" SHEET BALSA
RF-4 R-4 1/8" SHEET BALSA
RF-3 R-3 1/8" SHEET BALSA
RF-2 R-2 1/8" SHEET BALSA
RF-1 1/4" SHEET BALSA
R-1 1/8" SHEET BALSA
OIL DRAIN HOLE
FUEL TANK FLOOR
1/8" SHEET BALSA FLOOR
2° RIGHT THRUST
1/8" SQ. BALSA
HIGH RATE
LOW RATE
1-3/4"
3/4"
NYLON CONTROL HORN WITH E-Z LINK
F-18
FUEL TANK PYLON SS-6
F-16
F-17
F-14
1/4" SHEET BALSA - 2 REQ'D.
F-15
1/4" SHEET BALSA - 2 REQ'D.
1/4" SHEET BALSA
DRILL & TAP 1/4-20
BASSWOOD BLOCK - 2 REQ'D.
F-18
5/16" X 3/4" HARD MAPLE MOUNTS - 2 REQ'D
F-8
F-9
GUSSET
1/8" SHEET BALSA 16 REQ'D.
GUSSETS
TYPICAL FUSELAGE JOINT GUSSET DETAIL
F-6 1/4" SHEET BALSA
F-7 1/8" SHEET BALSA
F-8 1/8" SHEET BALSA
F-9 1/8" SHEET BALSA
F-10
1/8" SHEET BALSA
F-11
1/4" SHEET BALSA
FUSELAGE PLAN VIEW
RF-7
RF-6 R-6
MAKE FROM 1/4" X 1/2" HARD BALSA
NOTCH FOR RIBS
R-9
1/4" SHEET BALSA
ROBART HINGE POINTS
COUNTERBORE FOR HINGE POINTS (TYPICAL).
FAIR-IN WITH SOFT BLOCK BALSA AFTER FIN IS GLUED TO FUSELAGE & STAB SLOT.
R-8
1/4" SHEET BALSA
R-7
1/2" SHEET BALSA
1/4" SHEET BALSA
F-4 1/4" PLYWOOD
F-5 1/4" SHEET BALSA
FUEL TANK FLOOR 1/32" PLYWOOD
ENGINE
SAITO 45 II ON "COOL POWER" 4 CYCLE (15%) AND 11X6 PROP GIVES 20 MIN. PLUS ON 6 OZ. OF FUEL.
FORM COWL AS SHOWN FROM 1/4" SHEET SOFT BALSA
CANOPY - SIG MODIFY AND CUT TO SUIT
COLOR LINE
1/8" X 1/4" BALSA STRINGERS
FUEL TANK
2° DOWN THRUST
90°
SERVOS
RECEIVER AREA
BATTERY PACK
1/4" SHEET BALSA
1/8" SHEET BALSA FILLIN (BOTH SIDES)
PUSHROD EXIT
NYLON TAILWHEEL BRACKET
DRILL OUT FOR 3/32" DIA. WIRE
WHEEL COLLAR SOLDERED TO WIRE
3/32" DIA. WIRE
1-1/2" DIA. TAILWHEEL
F-1 1/8" PLYWOOD
F-2 1/8" PLYWOOD
F-3 1/16" PLYWOOD
SIG 1/8" SLOT GEAR BLOCKS WITH L.G. STRAPS
C.G.
SCRAP BALSA FILL-IN
REAR GEAR BLOCK MUST BE DRILLED THRU F-2 FOR 5/16" DIA DOWEL (WING ATTACH DOWEL)
1/4"-20 NYLON WING MOUNTING BOLT - 2 REQ'D.
LG-1
LG-2
LG-3
BIND WITH SOFT WIRE AND SOLDER
2-3/4" DIA. WHEELS
LG-2 1/8" DIA. WIRE
LG-1 1/8" DIA. WIRE (SHOWN TRUE LENGTH)
LG-3 1/8" SHEET BALSA 2 REQ'D
FUSELAGE SIDE VIEW
NOTE
MOUNT L.G. WIRE IN GEAR BLOCKS BEFORE BINDING & SOLDERING. GEAR BLOCKS WILL ACT AS ASSEMBLY FIXTURE FOR LANDING GEAR. THEN BIND WITH SOFT WIRE AND SOLDER AS SHOWN.
CONTROL SURFACE DEFLECTIONS
HIGH RATE LOW RATE
AILERONS-----1/2" U & D 1/4" U & D
ELEVATORS-----1-1/2" U & D 1/2" U & D
RUDDER-------1-3/4" L & R 3/4" L & R
THESE ARE MEASURED AT HIGH POINT OF CONTOUR OF SURFACES MARKED WITH ✱.
WINGSPAN--- 62"
WING AREA--545 SQ. IN.
WEIGHT---- 4.75 LBS
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WHIMPY TOO
DESIGNED & DRAWN BY ROGER TENNYSON
PLANS BY
SHEET 1 OF 2
PLAN NO. 979 ②

WHIMPY TOO

DESIGNED & DRAWN BY ROGER TENNYSON
PLANS BY Robert C. Sweitzer

RCModeler