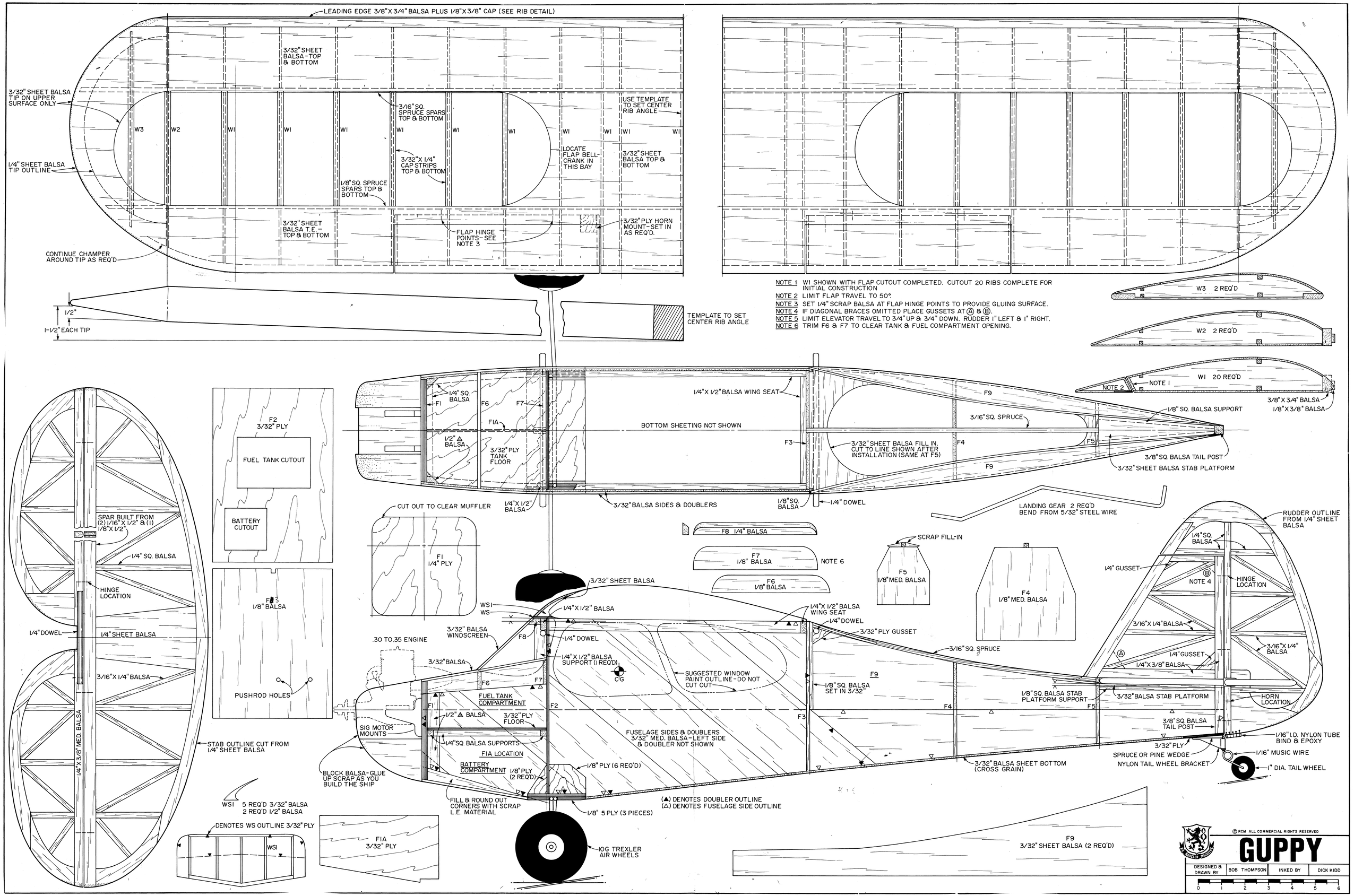
LEADING EDGE 3/8"X 3/4" BALSA PLUS 1/8"X 3/8" CAP (SEE RIB DETAIL)
3/32" SHEET BALSA-TOP & BOTTOM
3/32" SHEET BALSA TIP ON UPPER SURFACE ONLY
3/16" SQ. SPRUCE SPARS TOP & BOTTOM
USE TEMPLATE TO SET CENTER RIB ANGLE
W3
W2
W1
1/4" SHEET BALSA TIP OUTLINE
3/32"X 1/4" CAP STRIPS TOP & BOTTOM
LOCATE FLAP BELL-CRANK IN THIS BAY
3/32" SHEET BALSA TOP & BOTTOM
1/8" SQ. SPRUCE SPARS TOP & BOTTOM
3/32" SHEET BALSA T.E.-TOP & BOTTOM
FLAP HINGE POINTS-SEE NOTE 3
3/32" PLY HORN MOUNT-SET IN AS REQ'D.
CONTINUE CHAMFER AROUND TIP AS REQ'D
1/2"
1-1/2" EACH TIP
TEMPLATE TO SET CENTER RIB ANGLE
NOTE 1 W1 SHOWN WITH FLAP CUTOUT COMPLETED. CUTOUT 20 RIBS COMPLETE FOR INITIAL CONSTRUCTION
NOTE 2 LIMIT FLAP TRAVEL TO 50°
NOTE 3 SET 1/4" SCRAP BALSA AT FLAP HINGE POINTS TO PROVIDE GLUING SURFACE.
NOTE 4 IF DIAGONAL BRACES OMITTED PLACE GUSSETS AT Ⓐ & Ⓑ.
NOTE 5 LIMIT ELEVATOR TRAVEL TO 3/4" UP & 3/4" DOWN. RUDDER 1" LEFT & 1" RIGHT.
NOTE 6 TRIM F6 & F7 TO CLEAR TANK & FUEL COMPARTMENT OPENING.
W3 2 REQ'D
W2 2 REQ'D
W1 20 REQ'D
NOTE 2
NOTE 1
3/8"X 3/4" BALSA
1/8"X 3/8" BALSA
1/8" SQ. BALSA SUPPORT
3/16" SQ. SPRUCE
3/8" SQ. BALSA TAIL POST
3/32" SHEET BALSA STAB PLATFORM
1/4"X 1/2" BALSA WING SEAT
F9
BOTTOM SHEETING NOT SHOWN
1/4" SQ. BALSA
F1
F6
F7
F1A
1/2" △ BALSA
3/32" PLY TANK FLOOR
F3
F4
F5
3/32" SHEET BALSA FILL IN. CUT TO LINE SHOWN AFTER INSTALLATION (SAME AT F5)
3/32" BALSA SIDES & DOUBLERS
1/4"X 1/2" BALSA
1/8" SQ. BALSA
1/4" DOWEL
LANDING GEAR 2 REQ'D BEND FROM 5/32" STEEL WIRE
F2 3/32" PLY
FUEL TANK CUTOUT
BATTERY CUTOUT
SPAR BUILT FROM (2) 1/16"X 1/2" & (1) 1/8"X 1/2"
1/4" SQ. BALSA
HINGE LOCATION
1/4" DOWEL
1/4" SHEET BALSA
3/16"X 1/4" BALSA
F13 1/8" BALSA
PUSHROD HOLES
1/4"X 3/8" MED. BALSA
STAB OUTLINE CUT FROM 1/4" SHEET BALSA
CUT OUT TO CLEAR MUFFLER
F1 1/4" PLY
F8 1/4" BALSA
F7 1/8" BALSA
NOTE 6
F6 1/8" BALSA
SCRAP FILL-IN
F5 1/8" MED. BALSA
F4 1/8" MED. BALSA
RUDDER OUTLINE FROM 1/4" SHEET BALSA
1/4" SQ. BALSA
1/4" GUSSET
NOTE 4
HINGE LOCATION
3/16"X 1/4" BALSA
3/32" SHEET BALSA
WS1
WS
1/4"X 1/2" BALSA
1/4"X 1/2" BALSA WING SEAT
1/4" DOWEL
3/32" PLY GUSSET
3/32" BALSA WINDSCREEN
.30 TO .35 ENGINE
F8
1/4" DOWEL
3/16" SQ. SPRUCE
3/32" BALSA
1/4"X 1/2" BALSA SUPPORT (1 REQ'D)
CG
SUGGESTED WINDOW PAINT OUTLINE-DO NOT CUT OUT
1/8" SQ. BALSA SET IN 3/32"
F9
1/4"X 3/8" BALSA
3/16"X 1/4" BALSA
1/8" SQ. BALSA STAB PLATFORM SUPPORT
3/32" BALSA STAB PLATFORM
HORN LOCATION
FUEL TANK COMPARTMENT
F1
F2
F3
F4
F5
F6
F7
1/2" △ BALSA
3/32" PLY FLOOR
SIG MOTOR MOUNTS
1/4" SQ. BALSA SUPPORTS
F1A LOCATION
BATTERY COMPARTMENT
1/8" PLY (2 REQ'D)
1/8" PLY (6 REQ'D)
FUSELAGE SIDES & DOUBLERS 3/32" MED. BALSA-LEFT SIDE & DOUBLER NOT SHOWN
3/8" SQ. BALSA TAIL POST
1/16" I.D. NYLON TUBE BIND & EPOXY
3/32" PLY
SPRUCE OR PINE WEDGE
1/16" MUSIC WIRE
NYLON TAIL WHEEL BRACKET
1" DIA. TAIL WHEEL
3/32" BALSA SHEET BOTTOM (CROSS GRAIN)
BLOCK BALSA-GLUE UP SCRAP AS YOU BUILD THE SHIP
FILL & ROUND OUT CORNERS WITH SCRAP L.E. MATERIAL
1/8" 5 PLY (3 PIECES)
(▲) DENOTES DOUBLER OUTLINE
(△) DENOTES FUSELAGE SIDE OUTLINE
WS1 5 REQ'D 3/32" BALSA 2 REQ'D 1/2" BALSA
DENOTES WS OUTLINE 3/32" PLY
WS1
F1A 3/32" PLY
10G TREXLER AIR WHEELS
F9 3/32" SHEET BALSA (2 REQ'D)
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