FILL THIS AREA WITH SCRAP
4 TO 6 oz. GLASS CLOTH TO HERE
3/8"x 3/8" BALSA NOTCHED LEADING EDGE
1/2"x 1" HARDWOOD HOLD DOWN (BALSA FILLER TOP AND BOTTOM)
3/32" BALSA LEADING EDGE SHEETING BACK TO HERE
BALSA WING TIP
LANDING GEAR SUPPORT
HARDWOOD LANDING GEAR BLOCK
3/8"x 1/2" BALSA NOTCHED SPAR
CENTER TAPERED RIB
PINE BLOCK
3/32" BALSA RIBS
3/32" x 3/8" BALSA CAP STRIPS
1/16" PLYWOOD PLATES
3/32" BALSA CENTER SECTION SHEETING TO HERE
RIB # 4
RIB # 5
RIB # 6
RIB # 7
RIB # 8
RIB # 9
RIB # 10
3/32" BALSA TRAILING EDGE SHEETING
RIB # 1
RIB # 2
RIB # 3
1/4"x 3/16" BALSA NOTCHED TRAILING EDGE
BALSA FILLER
AILERON TORQUE ROD
3/8"x 1" BALSA TAPERED AILERON
1/16" PLYWOOD PLATE
HARDWOOD CENTER TRAILING EDGE

RIGHT WING PANEL TOP VIEW
ALL TOP SHEETING AND CAP STRIPS ARE OMITTED FOR CLARITY

WING-TIP SHAPE

1 INCH AT TIPS
DIHEDRAL DETAIL
NOT TO SCALE

#1
#1
CENTER RIB
CENTER TAPERED RIB

SPECIFICATIONS

WING SPAN	58"
WING AREA	644 SQ. IN.
LENGTH	53"
WEIGHT	6-1/4 LBS.
ENGINE	.60

CONTROL SURFACE THROWS
AILERONS — 3/16" UP & DOWN
ELEVATOR — 3/8" UP & DOWN
RUDDER — 3/4" LEFT & RIGHT

#2
#3
PLY PLATE
PINE BLOCK
SUPPORT BLOCK
L.G. BLOCK
METAL PLATES
5/32" MAIN GEAR
LANDING GEAR MOUNTING DETAIL
FRONT VIEW

3/8" BALSA STABILIZER
3/8" BALSA ELEVATOR
HINGE LINE
1/8" WIRE ELEVATOR TORQUE ROD
BALSA REAR FUSELAGE FILLER
RUDDER HORN
1/4" BALSA FIN (VERTICAL STABILIZER)
1/4" BALSA RUDDER
1/4" BALSA RUDDER BACK
1/4" BALSA SUB RUDDER
1/4" BALSA SUB DORSAL
TAIL SKID-BEND WIRE SUPPLIED AS SHOWN

4-40 BLIND NUTS
1/4" BALSA TRIANGLE STOCK
1/4" BALSA TRI STOCK
1/4" PLYWOOD HOLD DOWN
3/8"x 3/8" BALSA CROSS BRACE
1/4" PLYWOOD BULKHEAD # 1
1/8" PLY HATCH HOLD DOWN
1/2"x 1" HARDWOOD HOLD DOWN
3/8"x 3/8" BALSA STRINGERS
3° RIGHT THRUST
3/16" BALSA DOUBLER (UNDER ENGINE MOUNT)
1/2" BALSA FILLET
3/16" BALSA FUSELAGE SIDE

FUSELAGE TOP VIEW
TOP BLOCK AND HATCH OMITTED FOR CLARITY

CUT OUT HATCH FOR ENGINE CLEARANCE
1/4" PLYWOOD BULKHEAD #1
4-40 BOLT (TWO PLACES)
4-40 BLIND NUT (TWO PLACES)
CANOPY
TEMPORARY SHIM (NOT SUPPLIED)
3/16" BALSA TOP BLOCK
1/4" BALSA DORSAL FIN
9/16" BALSA HATCH
1/8" PLY HATCH HOLD DOWN
1/4" BALSA BULKHEAD # 2
1/4" BALSA TRIANGLE STOCK
1/4" BALSA TRIANGLE STOCK
3/8" x 3/8" BALSA STRINGERS
3/8" x 3/8" BALSA CROSS BRACES (5 PLACES)
1/4" BALSA STAB PLATE
1/4" PLYWOOD HOLD DOWN
1/2" HARDWOOD ENGINE MOUNT
1/2"x 1" HARDWOOD HOLD DOWN
FILLET OUTLINE
3/16" BALSA FUSELAGE SIDE
PUSHROD EXIT
3° DOWN THRUST
3/16" BALSA DOUBLER
1/4" BALSA TRI STOCK
BALSA FILLER
1/4" BALSA BULKHEAD # 3
3/8" x 3/8" VERTICAL BRACE
15° OFFSET STEERING ARM
+1/32" INCIDENCE
1/2"x 1" HOLD DOWN
1/16" PLY PLATE
BALSA FILLER
3/32" BALSA BOTTOM SHEETING (CROSS GRAIN)
1/16" PLYWOOD BOTTOM
BALSA FILLER
1/16" PLYWOOD PLATE
1/4-20 NYLON BOLT
FILL THESE AREAS WITH SCRAP
1/4-20 NYLON BOLT
C.G.
LANDING GEAR PLATES, METAL (4 PLACES)
5/32" NOSE GEAR
5/32" MAIN GEAR
2-1/2" WHEEL
2-3/4" WHEEL
WHEEL COLLAR
(SPORTFLOATS)

FUSELAGE SIDE VIEW
NOTE - LEFT SIDE SHEETING OMITTED FOR CLARITY

9/16" BALSA HATCH
VENT LINE
FUEL LINE
THROTTLE LINKAGE
1/4" BALSA TRI STOCK
4-40 BOLTS
ENGINE MOUNTS
3/16" BALSA SIDES
NOSE GEAR BEARINGS
3/16" BALSA SIDE
1/16" PLYWOOD BOTTOM
5/32" WHEEL COLLAR
STEERING LINKAGE
BULKHEAD # 1

3/16" BALSA TOP BLOCK
3/8"x 3/8" BALSA CROSS BRACE
3/16" BALSA SIDES
3/16" BALSA DOUBLER
BULKHEAD # 2

3/8"x 3/8" BALSA STRINGERS
1/4" BALSA TRIANGLE STOCK
3/8"x 3/8" BALSA CROSS BRACE
1/4" BALSA TRIANGLE STOCK
1/4" PLYWOOD REAR HOLD DOWN
3/32" BALSA BOTTOM SHEET (CROSS GRAIN)
BULKHEAD # 3

Kaos

DESIGNED BY	J. BRIDI
REVISIONS BY	DON ANDERSON
INKED BY	SELAH PETERSON

GREAT PLANES MODEL MANUFACTURING CO.
URBANA, IL. 61801