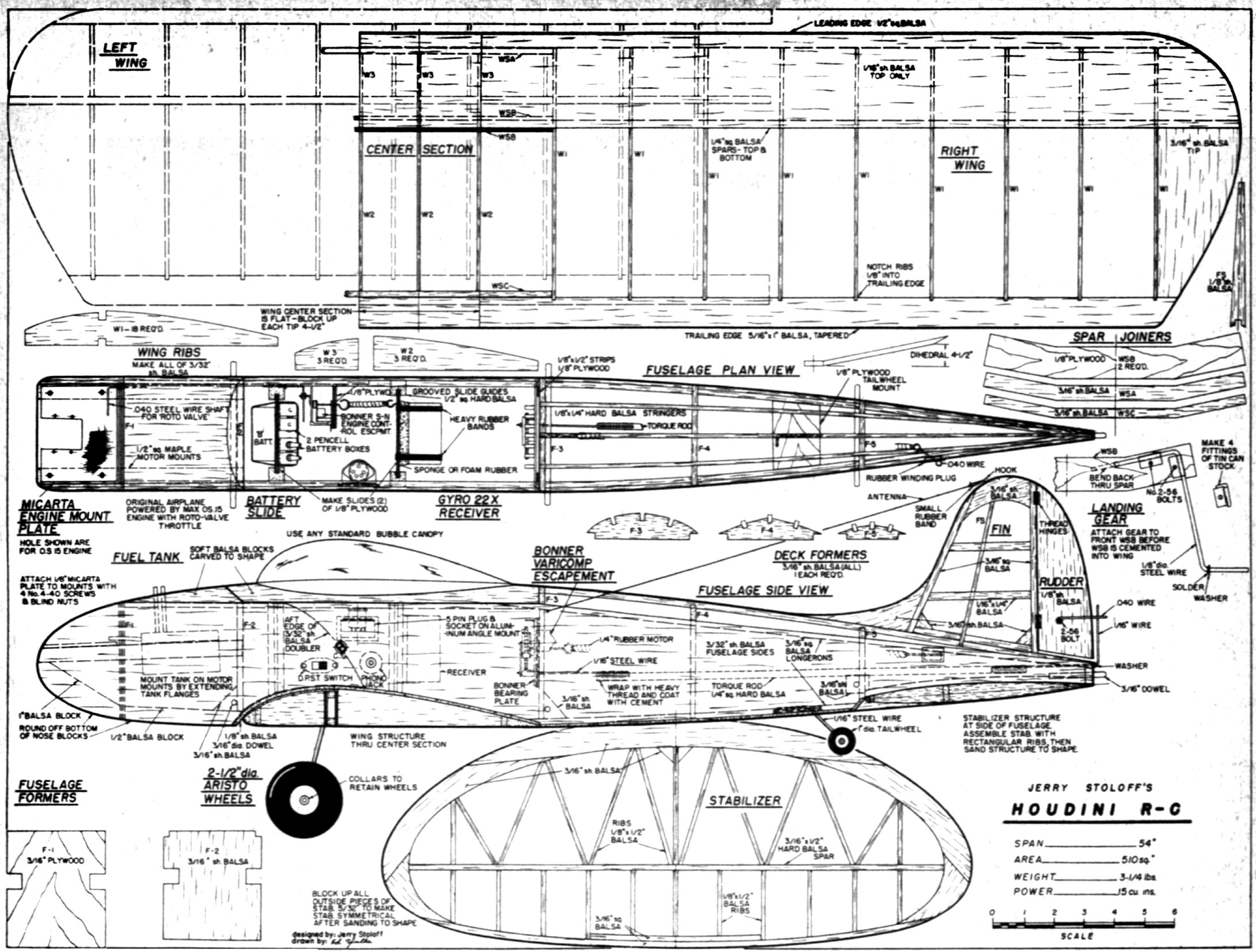
LEFT WING
LEADING EDGE 1/2" sq. BALSA
W3
WSA
WSB
WSC
CENTER SECTION
W1
W2
1/16" sh. BALSA TOP ONLY
1/4" sq. BALSA SPARS - TOP & BOTTOM
RIGHT WING
3/16" sh. BALSA TIP
NOTCH RIBS 1/8" INTO TRAILING EDGE
FS 1/8" sh. BALSA
WING CENTER SECTION IS FLAT - BLOCK UP EACH TIP 4-1/2"
TRAILING EDGE 5/16" x 1" BALSA, TAPERED
W1 - 18 REQ'D.
WING RIBS
MAKE ALL OF 3/32" sh. BALSA
W3 3 REQ'D.
W2 3 REQ'D.
1/8" x 1/2" STRIPS 1/8" PLYWOOD
FUSELAGE PLAN VIEW
DIHEDRAL 4-1/2"
1/8" PLYWOOD TAILWHEEL MOUNT
SPAR JOINERS
1/8" PLYWOOD
WSB 2 REQ'D.
3/16" sh. BALSA
WSA
3/16" sh. BALSA
WSC
.040 STEEL WIRE SHAFT FOR 'ROTO VALVE'
F-1
1/2" sq. MAPLE MOTOR MOUNTS
BATT.
1/8" PLYWOOD
GROOVED SLIDE GUIDES 1/2" sq. HARD BALSA
BONNER S-N ENGINE CONTROL ESCPMT.
2 PENCELL BATTERY BOXES
HEAVY RUBBER BANDS
SPONGE OR FOAM RUBBER
1/8" x 1/4" HARD BALSA STRINGERS
TORQUE ROD
F-3
F-4
F-5
.040 WIRE
RUBBER WINDING PLUG
HOOK
ANTENNA
SMALL RUBBER BAND
WSB
BEND BACK THRU SPAR
No. 2-56 BOLTS
MAKE 4 FITTINGS OF TIN CAN STOCK
MICARTA ENGINE MOUNT PLATE
HOLE SHOWN ARE FOR O.S 15 ENGINE
ORIGINAL AIRPLANE POWERED BY MAX OS 15 ENGINE WITH ROTO-VALVE THROTTLE
BATTERY SLIDE
MAKE SLIDES (2) OF 1/8" PLYWOOD
GYRO 22X RECEIVER
USE ANY STANDARD BUBBLE CANOPY
FUEL TANK
SOFT BALSA BLOCKS CARVED TO SHAPE
BONNER VARICOMP ESCAPEMENT
DECK FORMERS
3/16" sh. BALSA (ALL) 1 EACH REQ'D.
LANDING GEAR
ATTACH GEAR TO FRONT WSB BEFORE WSB IS CEMENTED INTO WING
1/8" dia. STEEL WIRE
SOLDER
WASHER
3/16" sh. BALSA
FIN
THREAD HINGES
3/16" sq. BALSA
RUDDER
1/8" sh. BALSA
1/16" x 1/4" BALSA
3/16" sh. BALSA
2-56 BOLT
.040 WIRE
1/16" WIRE
WASHER
3/16" DOWEL
ATTACH 1/8" MICARTA PLATE TO MOUNTS WITH 4 No. 4-40 SCREWS & BLIND NUTS
FUSELAGE SIDE VIEW
AFT EDGE OF 3/32" sh. BALSA DOUBLER
5 PIN PLUG & SOCKET ON ALUMINUM ANGLE MOUNT
1/4" RUBBER MOTOR
1/16" STEEL WIRE
3/32" sh. BALSA FUSELAGE SIDES
3/16" sq. BALSA LONGERONS
RECEIVER
D.P.S.T. SWITCH
PHONO JACK
MOUNT TANK ON MOTOR MOUNTS BY EXTENDING TANK FLANGES
BONNER BEARING PLATE
3/16" sh. BALSA
WRAP WITH HEAVY THREAD AND COAT WITH CEMENT
TORQUE ROD 1/4" sq. HARD BALSA
3/16" sh. BALSA
1" BALSA BLOCK
ROUND OFF BOTTOM OF NOSE BLOCKS
1/2" BALSA BLOCK
1/8" sh. BALSA
3/16" dia. DOWEL
3/16" sh. BALSA
WING STRUCTURE THRU CENTER SECTION
1/16" STEEL WIRE
1" dia. TAILWHEEL
STABILIZER STRUCTURE AT SIDE OF FUSELAGE. ASSEMBLE STAB. WITH RECTANGULAR RIBS, THEN SAND STRUCTURE TO SHAPE.
FUSELAGE FORMERS
2-1/2" dia. ARISTO WHEELS
COLLARS TO RETAIN WHEELS
3/16" sh. BALSA
STABILIZER
RIBS 1/8" x 1/2" BALSA
3/16" x 1/2" HARD BALSA SPAR
1/8" x 1/2" BALSA RIBS
3/16" sq. BALSA
BLOCK UP ALL OUTSIDE PIECES OF STAB. 3/32" TO MAKE STAB. SYMMETRICAL AFTER SANDING TO SHAPE
F-1 3/16" PLYWOOD
F-2 3/16" sh. BALSA
designed by: Jerry Stoloff
drawn by:
JERRY STOLOFF'S
HOUDINI R-C
SPAN 54"
AREA 510 sq."
WEIGHT 3-1/4 lbs.
POWER 15 cu. ins.
0 1 2 3 4 5 6
SCALE