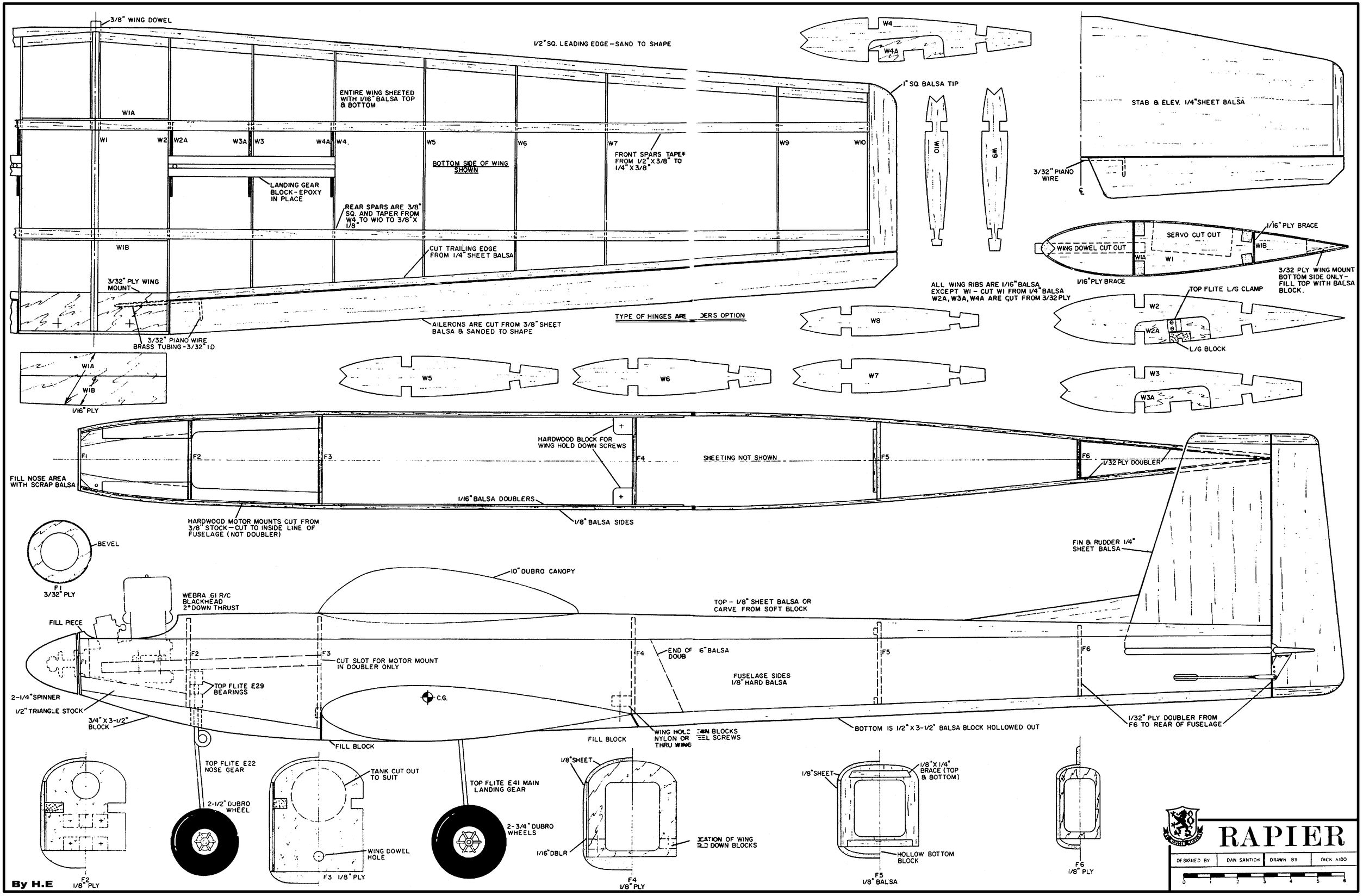
3/8" WING DOWEL
1/2" SQ. LEADING EDGE - SAND TO SHAPE
ENTIRE WING SHEETED WITH 1/16" BALSA TOP & BOTTOM
W1A
W1
W2
W2A
W3A
W3
W4A
W4
W5
W6
W7
W9
W10
BOTTOM SIDE OF WING SHOWN
FRONT SPARS TAPER FROM 1/2" X 3/8" TO 1/4" X 3/8"
LANDING GEAR BLOCK - EPOXY IN PLACE
REAR SPARS ARE 3/8" SQ. AND TAPER FROM W4 TO W10 TO 3/8" X 1/8"
W1B
CUT TRAILING EDGE FROM 1/4" SHEET BALSA
3/32" PLY WING MOUNT
3/32" PIANO WIRE BRASS TUBING - 3/32" I.D.
AILERONS ARE CUT FROM 3/8" SHEET BALSA & SANDED TO SHAPE
TYPE OF HINGES ARE DERS OPTION
1" SQ. BALSA TIP
STAB & ELEV. 1/4" SHEET BALSA
3/32" PIANO WIRE
1/16" PLY BRACE
SERVO CUT OUT
WING DOWEL CUT OUT
3/32 PLY WING MOUNT BOTTOM SIDE ONLY - FILL TOP WITH BALSA BLOCK.
ALL WING RIBS ARE 1/16" BALSA EXCEPT W1 - CUT W1 FROM 1/4" BALSA W2A, W3A, W4A ARE CUT FROM 3/32 PLY
TOP FLITE L/G CLAMP
L/G BLOCK
1/16" PLY
HARDWOOD BLOCK FOR WING HOLD DOWN SCREWS
SHEETING NOT SHOWN
1/32 PLY DOUBLER
FILL NOSE AREA WITH SCRAP BALSA
1/16" BALSA DOUBLERS
1/8" BALSA SIDES
HARDWOOD MOTOR MOUNTS CUT FROM 3/8" STOCK - CUT TO INSIDE LINE OF FUSELAGE (NOT DOUBLER)
BEVEL
F1 3/32" PLY
FIN & RUDDER 1/4" SHEET BALSA
10" DUBRO CANOPY
WEBRA .61 R/C BLACKHEAD 2° DOWN THRUST
TOP - 1/8" SHEET BALSA OR CARVE FROM SOFT BLOCK
FILL PIECE
CUT SLOT FOR MOTOR MOUNT IN DOUBLER ONLY
END OF 6" BALSA DOUB
FUSELAGE SIDES 1/8" HARD BALSA
TOP FLITE E29 BEARINGS
C.G.
2-1/4" SPINNER
1/2" TRIANGLE STOCK
3/4" X 3-1/2" BLOCK
FILL BLOCK
WING HOLD DOWN BLOCKS NYLON OR WHEEL SCREWS THRU WING
BOTTOM IS 1/2" X 3-1/2" BALSA BLOCK HOLLOWED OUT
1/32" PLY DOUBLER FROM F6 TO REAR OF FUSELAGE
TOP FLITE E22 NOSE GEAR
2-1/2" DUBRO WHEEL
TANK CUT OUT TO SUIT
WING DOWEL HOLE
TOP FLITE E41 MAIN LANDING GEAR
2-3/4" DUBRO WHEELS
1/8" SHEET
1/16" DBLR
LOCATION OF WING HOLD DOWN BLOCKS
1/8" X 1/4" BRACE (TOP & BOTTOM)
HOLLOW BOTTOM BLOCK
F2 1/8" PLY
F3 1/8" PLY
F4 1/8" PLY
F5 1/8" BALSA
F6 1/8" PLY
By H.E
RAPIER
DESIGNED BY
DAN SANTICH
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