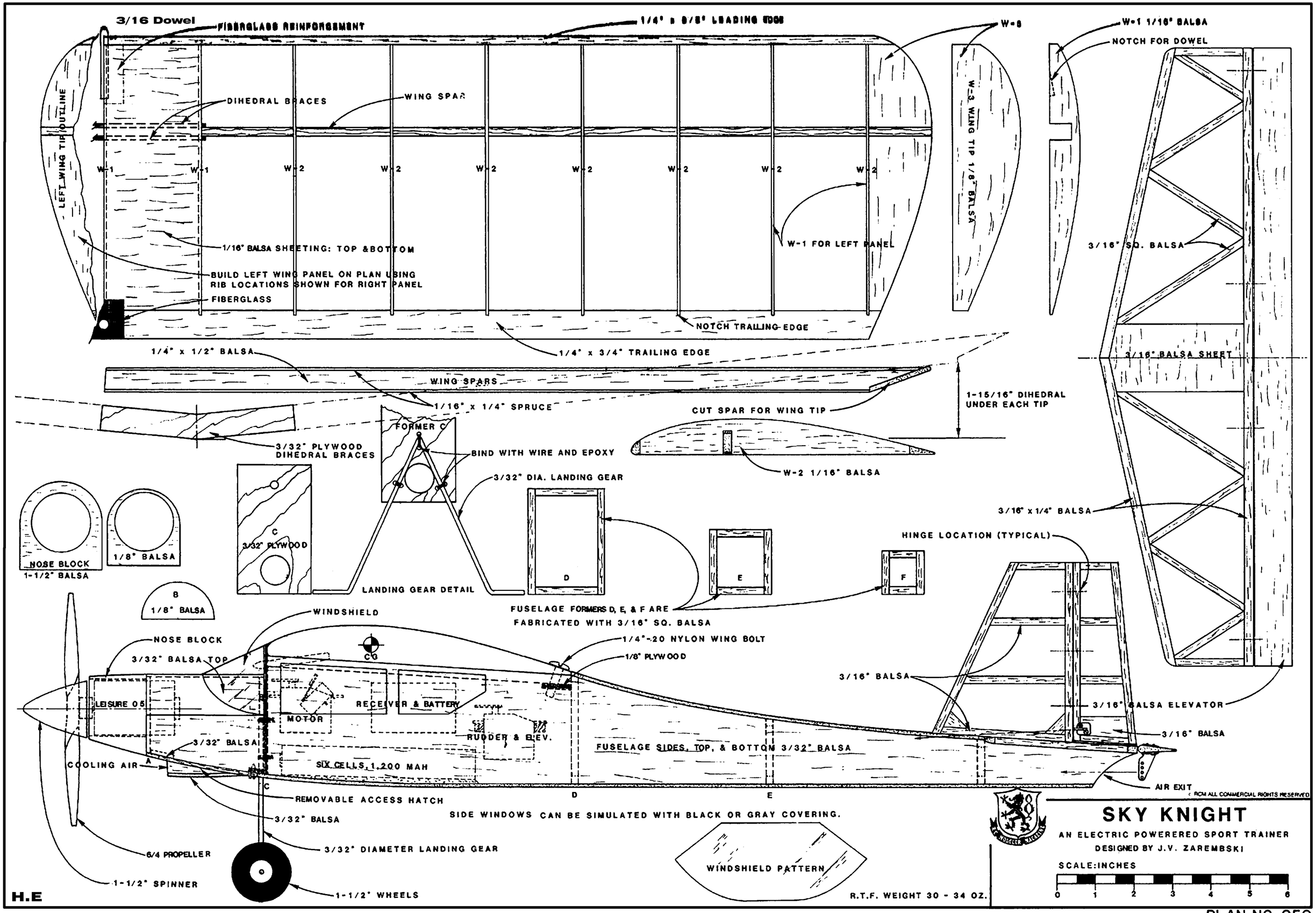
3/16 Dowel
FIBERGLASS REINFORCEMENT
1/4" x 3/8" LEADING EDGE
W-3
W-1 1/16" BALSA
NOTCH FOR DOWEL
DIHEDRAL BRACES
WING SPAR
LEFT WING TIP OUTLINE
W-1
W-2
W-3 WING TIP 1/8" BALSA
W-1 FOR LEFT PANEL
3/16" SQ. BALSA
1/16" BALSA SHEETING: TOP & BOTTOM
BUILD LEFT WING PANEL ON PLAN USING
RIB LOCATIONS SHOWN FOR RIGHT PANEL
FIBERGLASS
NOTCH TRAILING EDGE
1/4" x 3/4" TRAILING EDGE
1/4" x 1/2" BALSA
WING SPARS
3/16" BALSA SHEET
1/16" x 1/4" SPRUCE
1-15/16" DIHEDRAL
UNDER EACH TIP
CUT SPAR FOR WING TIP
FORMER C
3/32" PLYWOOD
DIHEDRAL BRACES
BIND WITH WIRE AND EPOXY
W-2 1/16" BALSA
3/32" DIA. LANDING GEAR
3/16" x 1/4" BALSA
HINGE LOCATION (TYPICAL)
NOSE BLOCK
1-1/2" BALSA
1/8" BALSA
C
3/32" PLYWOOD
LANDING GEAR DETAIL
D
E
F
B
1/8" BALSA
FUSELAGE FORMERS D, E, & F ARE
FABRICATED WITH 3/16" SQ. BALSA
WINDSHIELD
NOSE BLOCK
3/32" BALSA TOP
CG
1/4"-20 NYLON WING BOLT
1/8" PLYWOOD
3/16" BALSA
LEISURE 05
MOTOR
RECEIVER & BATTERY
RUDDER & ELEV.
3/16" BALSA ELEVATOR
3/16" BALSA
3/32" BALSA
FUSELAGE SIDES, TOP, & BOTTOM 3/32" BALSA
COOLING AIR
A
SIX CELLS, 1,200 MAH
C
D
E
AIR EXIT
REMOVABLE ACCESS HATCH
3/32" BALSA
SIDE WINDOWS CAN BE SIMULATED WITH BLACK OR GRAY COVERING.
3/32" DIAMETER LANDING GEAR
6/4 PROPELLER
WINDSHIELD PATTERN
1-1/2" SPINNER
1-1/2" WHEELS
H.E
R.T.F. WEIGHT 30 - 34 OZ.
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SKY KNIGHT
AN ELECTRIC POWERERED SPORT TRAINER
DESIGNED BY J.V. ZAREMBSKI
SCALE:INCHES
0 1 2 3 4 5 6

PLAN NO. 959