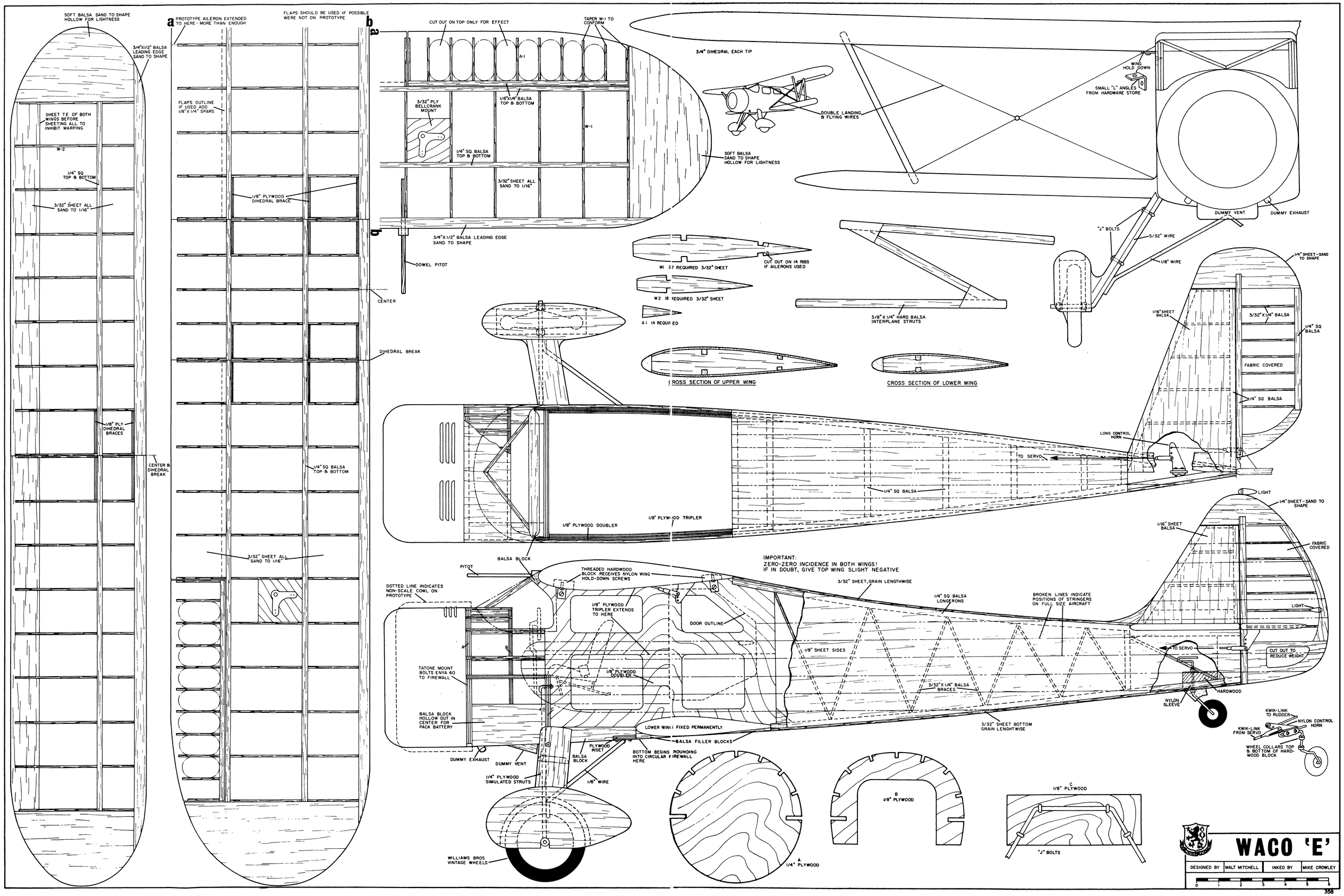
SOFT BALSA SAND TO SHAPE HOLLOW FOR LIGHTNESS
3/4"X1/2" BALSA LEADING EDGE SAND TO SHAPE
SHEET TE OF BOTH WINGS BEFORE SHEETING ALL TO INHIBIT WARPING
W-2
1/4" SQ TOP & BOTTOM
3/32" SHEET ALL SAND TO 1/16"
1/8" PLY DIHEDRAL BRACES
CENTER & DIHEDRAL BREAK
a
PROTOTYPE AILERON EXTENDED TO HERE - MORE THAN ENOUGH
FLAPS SHOULD BE USED IF POSSIBLE WERE NOT ON PROTOTYPE
FLAPS OUTLINE IF USED ADD 1/8" X 1/4" SPARS
1/8" PLYWOOD DIHEDRAL BRACE
1/4" SQ BALSA TOP & BOTTOM
3/32" SHEET ALL SAND TO 1/16"
b
CUT OUT ON TOP ONLY FOR EFFECT
TAPER W-1 TO CONFORM
A-1
3/32" PLY BELLCRANK MOUNT
1/8"X1/4" BALSA TOP & BOTTOM
W-1
1/4" SQ BALSA TOP & BOTTOM
3/32" SHEET ALL SAND TO 1/16"
3/4"X 1/2" BALSA LEADING EDGE SAND TO SHAPE
DOWEL PITOT
CENTER
DIHEDRAL BREAK
3/4" DIHEDRAL, EACH TIP
DOUBLE LANDING & FLYING WIRES
SOFT BALSA SAND TO SHAPE HOLLOW FOR LIGHTNESS
WING HOLD DOWN
SMALL "L" ANGLES FROM HARDWARE STORE
DUMMY VENT
DUMMY EXHAUST
"J" BOLTS
5/32" WIRE
1/8" WIRE
W1 27 REQUIRED 3/32" SHEET
CUT OUT ON 14 RIBS IF AILERONS USED
W2 18 REQUIRED 3/32" SHEET
A1 14 REQUIRED
3/8"X 1/4" HARD BALSA INTERPLANE STRUTS
CROSS SECTION OF UPPER WING
CROSS SECTION OF LOWER WING
1/4" SHEET-SAND TO SHAPE
1/16" SHEET BALSA
3/32"X1/4" BALSA
1/4" SQ BALSA
FABRIC COVERED
1/4" SQ BALSA
LONG CONTROL HORN
TO SERVO
1/4" SQ BALSA
LIGHT
1/4" SHEET-SAND TO SHAPE
1/16" SHEET BALSA
FABRIC COVERED
LIGHT
1/8" PLYWOOD DOUBLER
1/8" PLYWOOD TRIPLER
BALSA BLOCK
PITOT
THREADED HARDWOOD BLOCK RECEIVES NYLON WING HOLD-DOWN SCREWS
IMPORTANT:
ZERO-ZERO INCIDENCE IN BOTH WINGS!
IF IN DOUBT, GIVE TOP WING SLIGHT NEGATIVE
3/32" SHEET, GRAIN LENGTHWISE
DOTTED LINE INDICATES NON-SCALE COWL ON PROTOTYPE
1/8" PLYWOOD TRIPLER EXTENDS TO HERE
DOOR OUTLINE
1/4" SQ BALSA LONGERONS
BROKEN LINES INDICATE POSITIONS OF STRINGERS ON FULL SIZE AIRCRAFT
A
B
1/8" SHEET SIDES
TO SERVO
CUT OUT TO REDUCE WEIGHT
TATONE MOUNT BOLTS ENYA 60 TO FIREWALL
1/8" PLYWOOD DOUBLER
3/32"X 1/4" BALSA BRACES
HARDWOOD
NYLON SLEEVE
BALSA BLOCK HOLLOW OUT IN CENTER FOR PACK BATTERY
LOWER WING FIXED PERMANENTLY
3/32" SHEET BOTTOM GRAIN LENGHTWISE
KWIK-LINK TO RUDDER
NYLON CONTROL HORN
KWIK-LINK FROM SERVO
BALSA FILLER BLOCKS
PLYWOOD INSET
BOTTOM BEGINS ROUNDING INTO CIRCULAR FIREWALL HERE
WHEEL COLLARS TOP & BOTTOM OF HARD-WOOD BLOCK
DUMMY EXHAUST
DUMMY VENT
BALSA BLOCK
1/4" PLYWOOD SIMULATED STRUTS
1/8" WIRE
WILLIAMS BROS VINTAGE WHEELS
A
1/4" PLYWOOD
B
1/8" PLYWOOD
C
1/8" PLYWOOD
"J" BOLTS
WACO 'E'
DESIGNED BY
WALT MITCHELL
INKED BY
MIKE CROWLEY
0 1 2 3 4 5 6