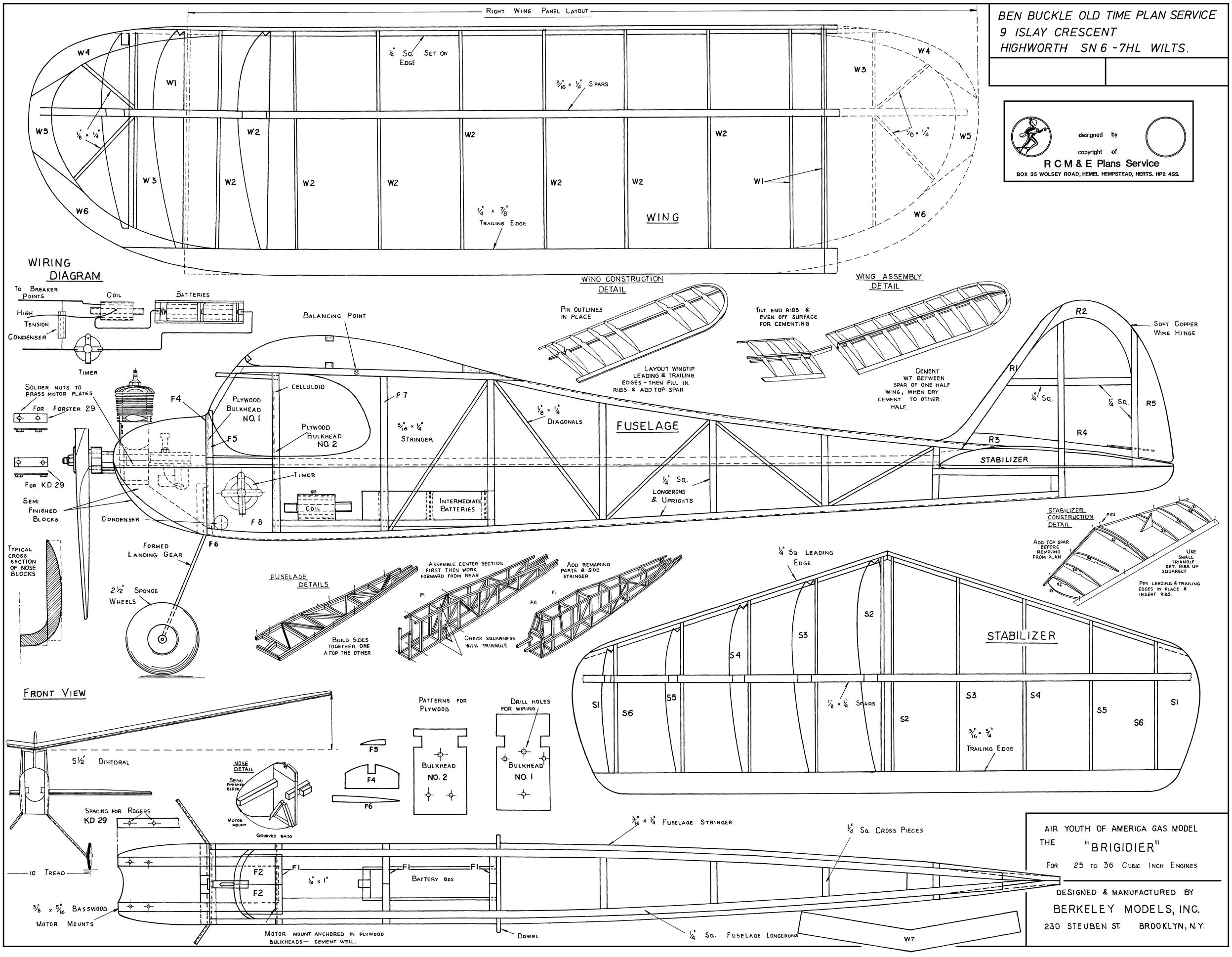
BEN BUCKLE OLD TIME PLAN SERVICE
9 ISLAY CRESCENT
HIGHWORTH SN 6 -7HL WILTS.
designed by
copyright of
R C M & E Plans Service
BOX 35 WOLSEY ROAD, HEMEL HEMPSTEAD, HERTS. HP2 4SS.
RIGHT WING PANEL LAYOUT
1/4" SQ. SET ON EDGE
3/16" x 1/4" SPARS
1/8" x 1/4"
1/4" x 7/8" TRAILING EDGE
WING
W1
W2
W3
W4
W5
W6
WIRING DIAGRAM
TO BREAKER POINTS
COIL
BATTERIES
HIGH TENSION
CONDENSER
TIMER
WING CONSTRUCTION DETAIL
PIN OUTLINES IN PLACE
LAYOUT WINGTIP LEADING & TRAILING EDGES - THEN FILL IN RIBS & ADD TOP SPAR
WING ASSEMBLY DETAIL
TILT END RIBS & EVEN OFF SURFACE FOR CEMENTING
CEMENT W7 BETWEEN SPAR OF ONE HALF WING, WHEN DRY CEMENT TO OTHER HALF.
SOFT COPPER WIRE HINGE
R1
R2
R3
R4
R5
1/4" SQ.
STABILIZER
BALANCING POINT
CELLULOID
F4
F5
F6
F7
F8
PLYWOOD BULKHEAD NO. 1
PLYWOOD BULKHEAD NO. 2
3/16" x 1/4" STRINGER
1/8" x 1/4" DIAGONALS
FUSELAGE
1/4" SQ. LONGERONS & UPRIGHTS
SOLDER NUTS TO BRASS MOTOR PLATES
FOR FORSTER 29
FOR KD 29
SEMI FINISHED BLOCKS
CONDENSER
TIMER
COIL
INTERMEDIATE BATTERIES
TYPICAL CROSS SECTION OF NOSE BLOCKS
FORMED LANDING GEAR
2 1/2" SPONGE WHEELS
FUSELAGE DETAILS
BUILD SIDES TOGETHER ONE ATOP THE OTHER
ASSEMBLE CENTER SECTION FIRST THEN WORK FORWARD FROM REAR
CHECK SQUARNESS WITH TRIANGLE
ADD REMAINING PARTS & SIDE STRINGER
F1
F2
STABILIZER CONSTRUCTION DETAIL
PIN
ADD TOP SPAR BEFORE REMOVING FROM PLAN
USE SMALL TRIANGLE SET RIBS UP SQUARELY
PIN LEADING & TRAILING EDGES IN PLACE & INSERT RIBS.
1/4" SQ. LEADING EDGE
S1
S2
S3
S4
S5
S6
1/8" x 1/4" SPARS
3/16" x 3/4" TRAILING EDGE
FRONT VIEW
5 1/2" DIHEDRAL
NOSE DETAIL
SEMI FINISHED BLOCK
MOTOR MOUNT
GROOVED BASS
PATTERNS FOR PLYWOOD
BULKHEAD NO. 2
BULKHEAD NO. 1
DRILL HOLES FOR WIRING
SPACING FOR ROGERS KD 29
10 TREAD
3/8" x 5/16" BASSWOOD MOTOR MOUNTS
1/4" x 1"
BATTERY BOX
3/16" x 1/4" FUSELAGE STRINGER
1/4" SQ. CROSS PIECES
MOTOR MOUNT ANCHORED IN PLYWOOD BULKHEADS— CEMENT WELL.
DOWEL
1/4" SQ. FUSELAGE LONGERONS
W7
AIR YOUTH OF AMERICA GAS MODEL
THE "BRIGIDIER"
FOR 23 TO 36 CUBIC INCH ENGINES
DESIGNED & MANUFACTURED BY
BERKELEY MODELS, INC.
230 STEUBEN ST. BROOKLYN, N.Y.