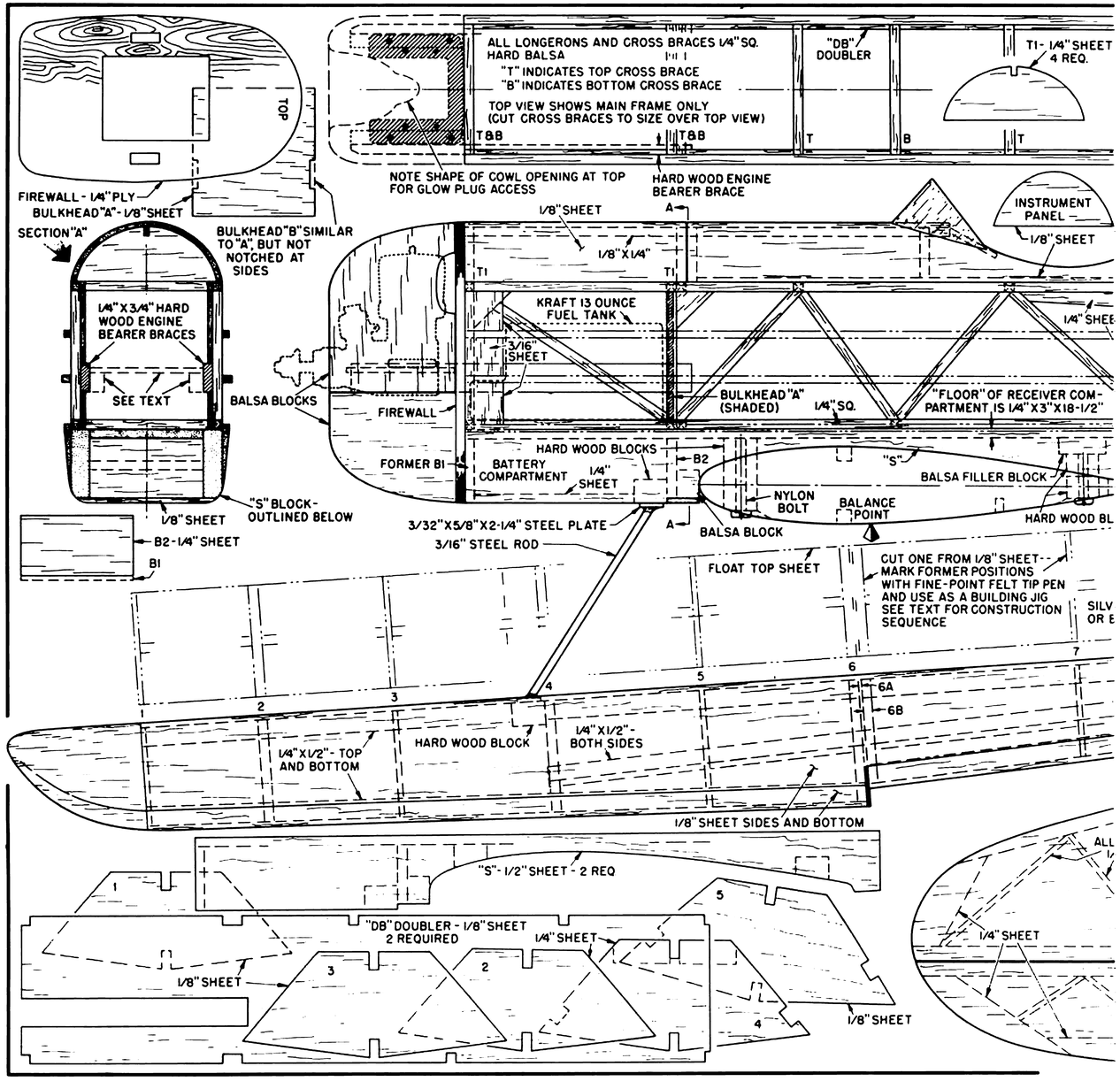
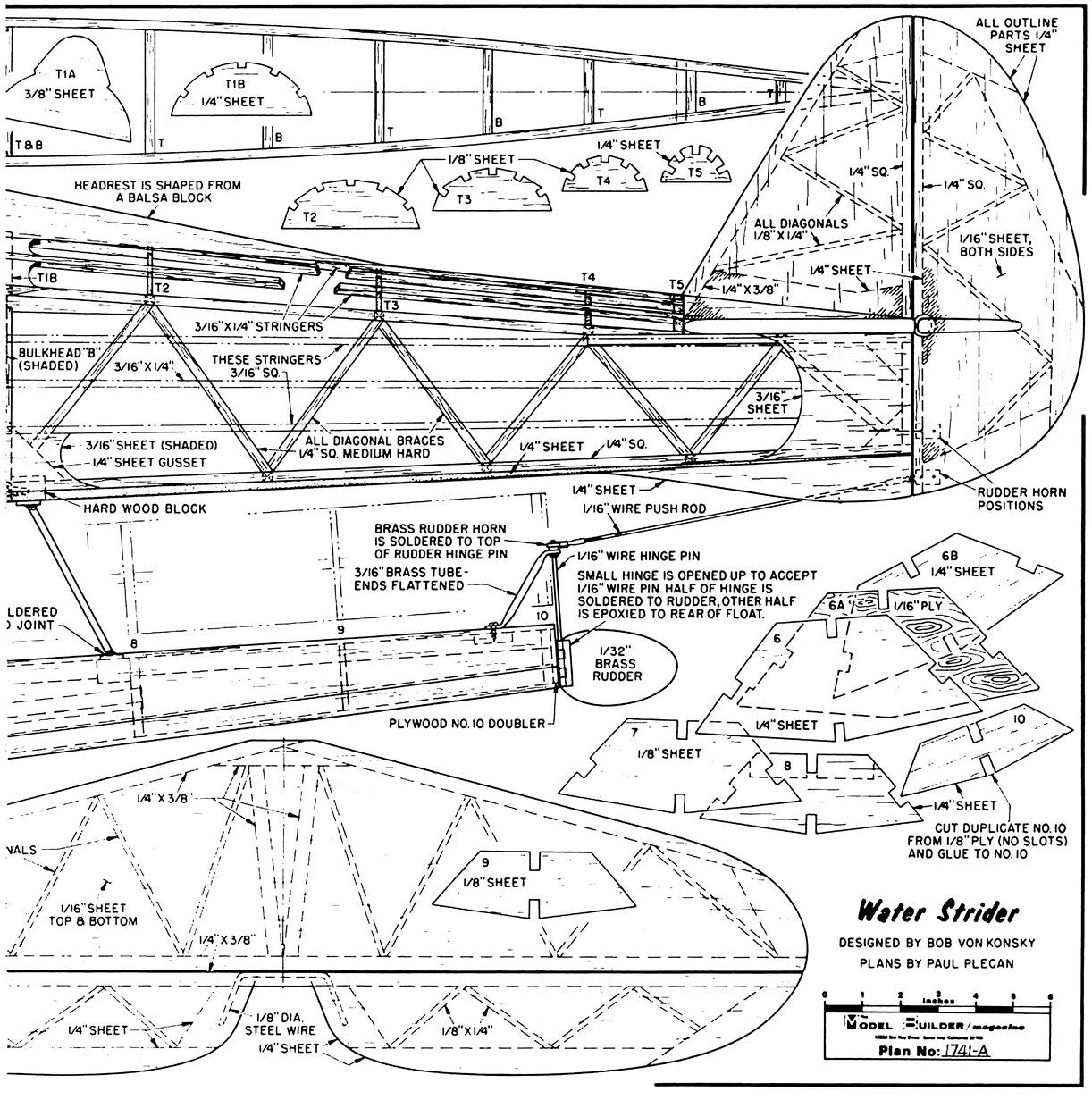




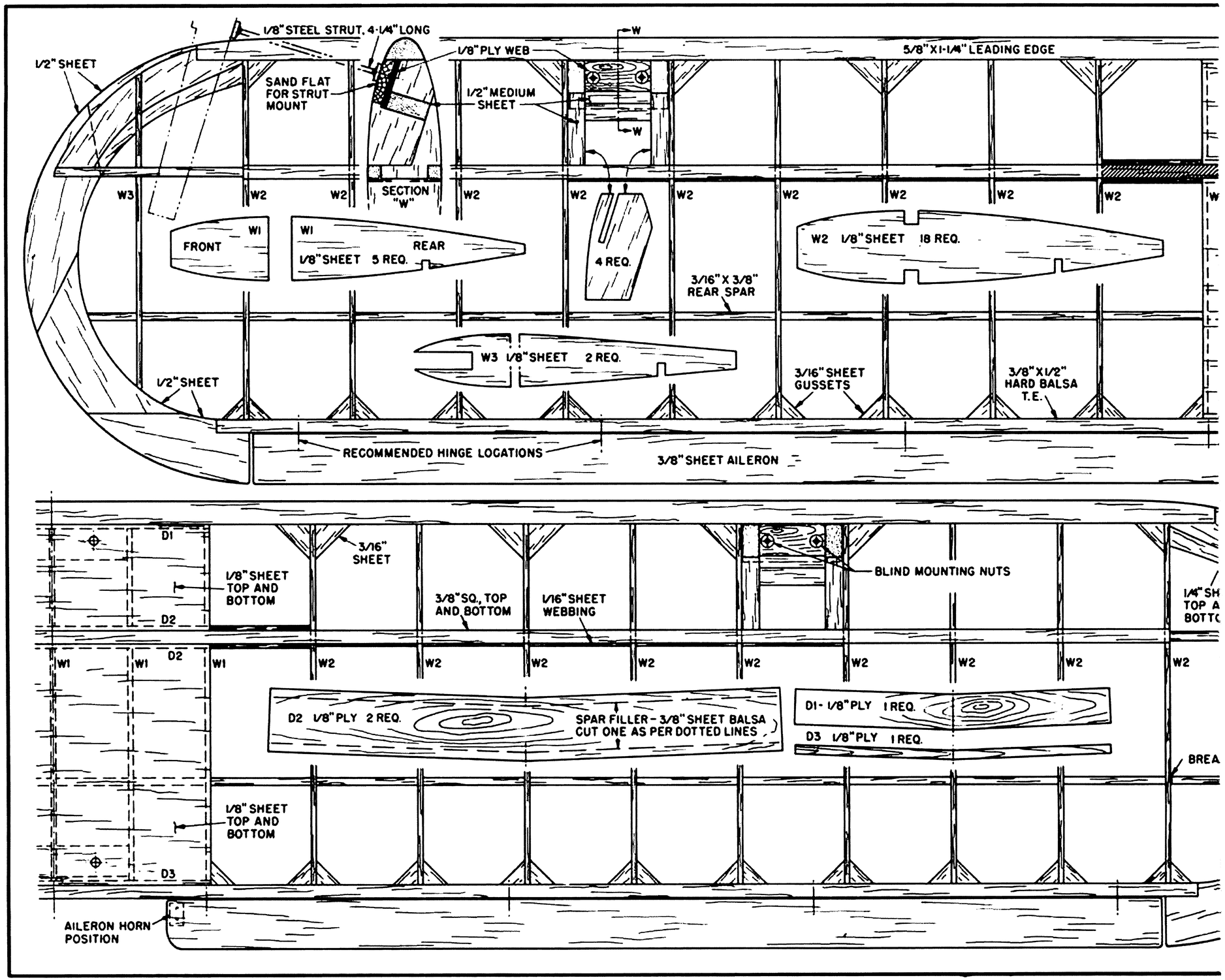
Water Strider

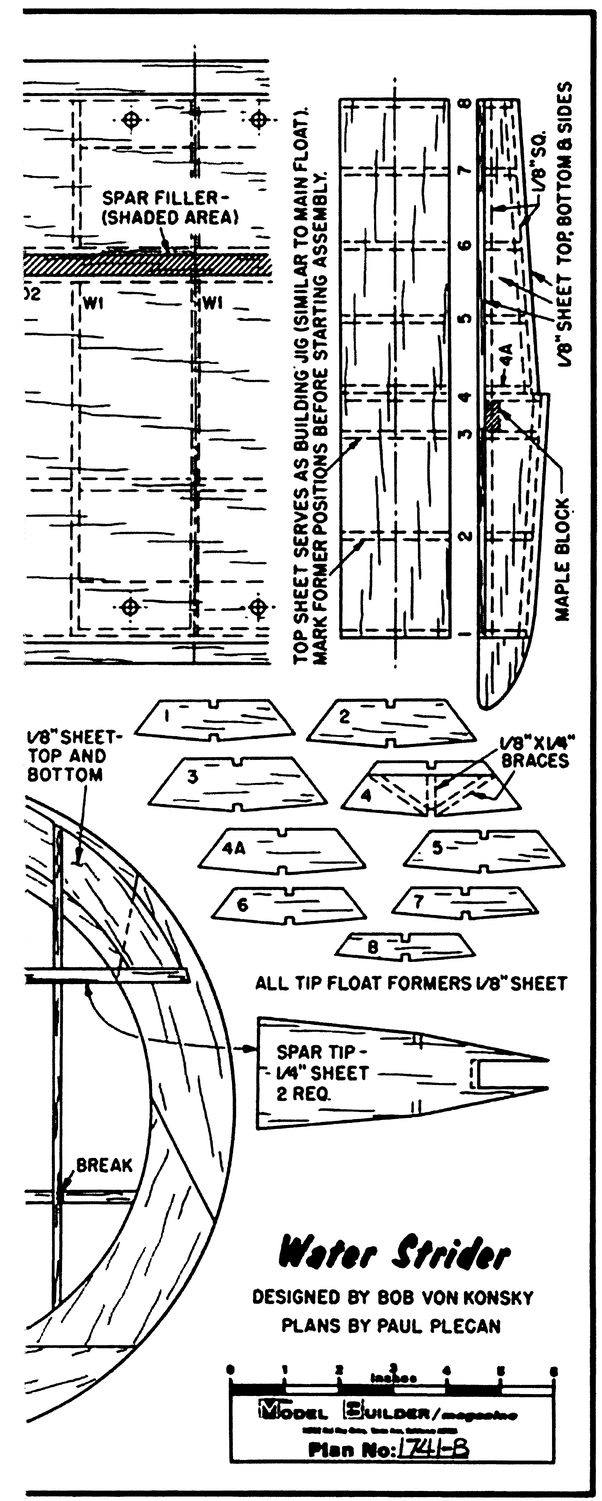
DESIGNED BY BOB VON KONSKY

PLANS BY PAUL PLECAN

MODEL BUILDER magazine

Plan No: 1741-A


1/8" STEEL STRUT, 4-1/4" LONG
1/2" SHEET
SAND FLAT FOR STRUT MOUNT
1/8" PLY WEB
W
5/8" X 1-1/4" LEADING EDGE
1/2" MEDIUM SHEET
W
W3
W2
W2
SECTION "W"
W2
W2
W2
W2
W2
W2
W2
W
FRONT
W1
W1
REAR
1/8" SHEET 5 REQ.
4 REQ.
3/16" X 3/8" REAR SPAR
W2 1/8" SHEET 18 REQ.
W3 1/8" SHEET 2 REQ.
1/2" SHEET
3/16" SHEET GUSSETS
3/8" X 1/2" HARD BALSA T.E.
RECOMMENDED HINGE LOCATIONS
3/8" SHEET AILERON
D1
3/16" SHEET
1/8" SHEET TOP AND BOTTOM
3/8" SQ., TOP AND BOTTOM
1/16" SHEET WEBBING
BLIND MOUNTING NUTS
D2
W1
W1
D2
W1
W2
W2
W2
W2
W2
W2
W2
W2
W2
D2 1/8" PLY 2 REQ.
SPAR FILLER - 3/8" SHEET BALSA CUT ONE AS PER DOTTED LINES
D1 - 1/8" PLY 1 REQ.
D3 1/8" PLY 1 REQ.
BREA
1/8" SHEET TOP AND BOTTOM
D3
AILERON HORN POSITION


SPAR FILLER - (SHADED AREA)
D2
W1
W1
TOP SHEET SERVES AS BUILDING JIG (SIMILAR TO MAIN FLOAT). MARK FORMER POSITIONS BEFORE STARTING ASSEMBLY.
1/8" SQ.
1/8" SHEET TOP, BOTTOM & SIDES
4A
MAPLE BLOCK
1/8" SHEET - TOP AND BOTTOM
1/8" X 1/4" BRACES
1
2
3
4
4A
5
6
7
8
ALL TIP FLOAT FORMERS 1/8" SHEET
SPAR TIP - 1/4" SHEET 2 REQ.
BREAK
Water Strider
DESIGNED BY BOB VON KONSKY
PLANS BY PAUL PLEGAN
Inches
MODEL BUILDER/magazine
Plan No: 1741-B