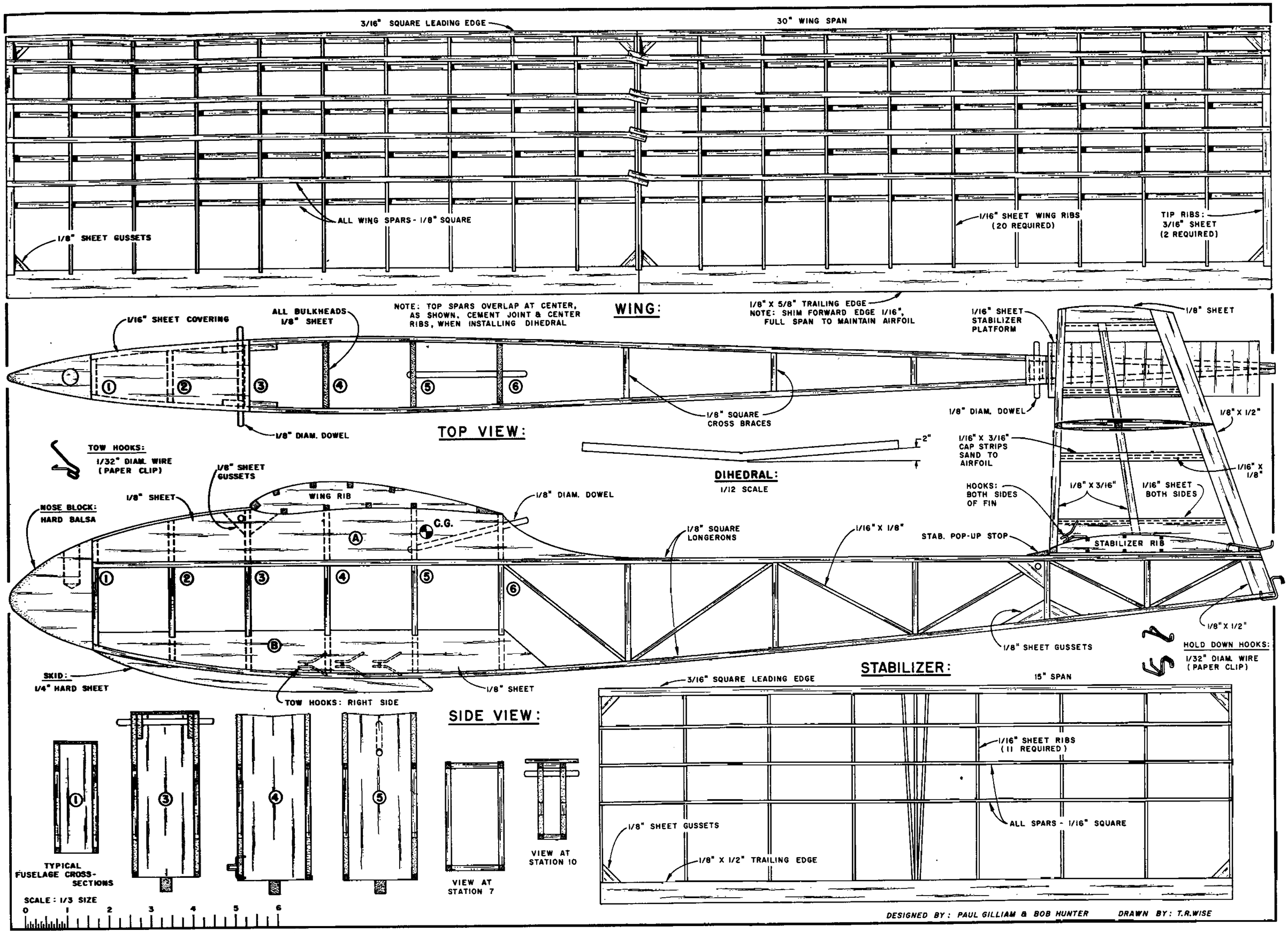
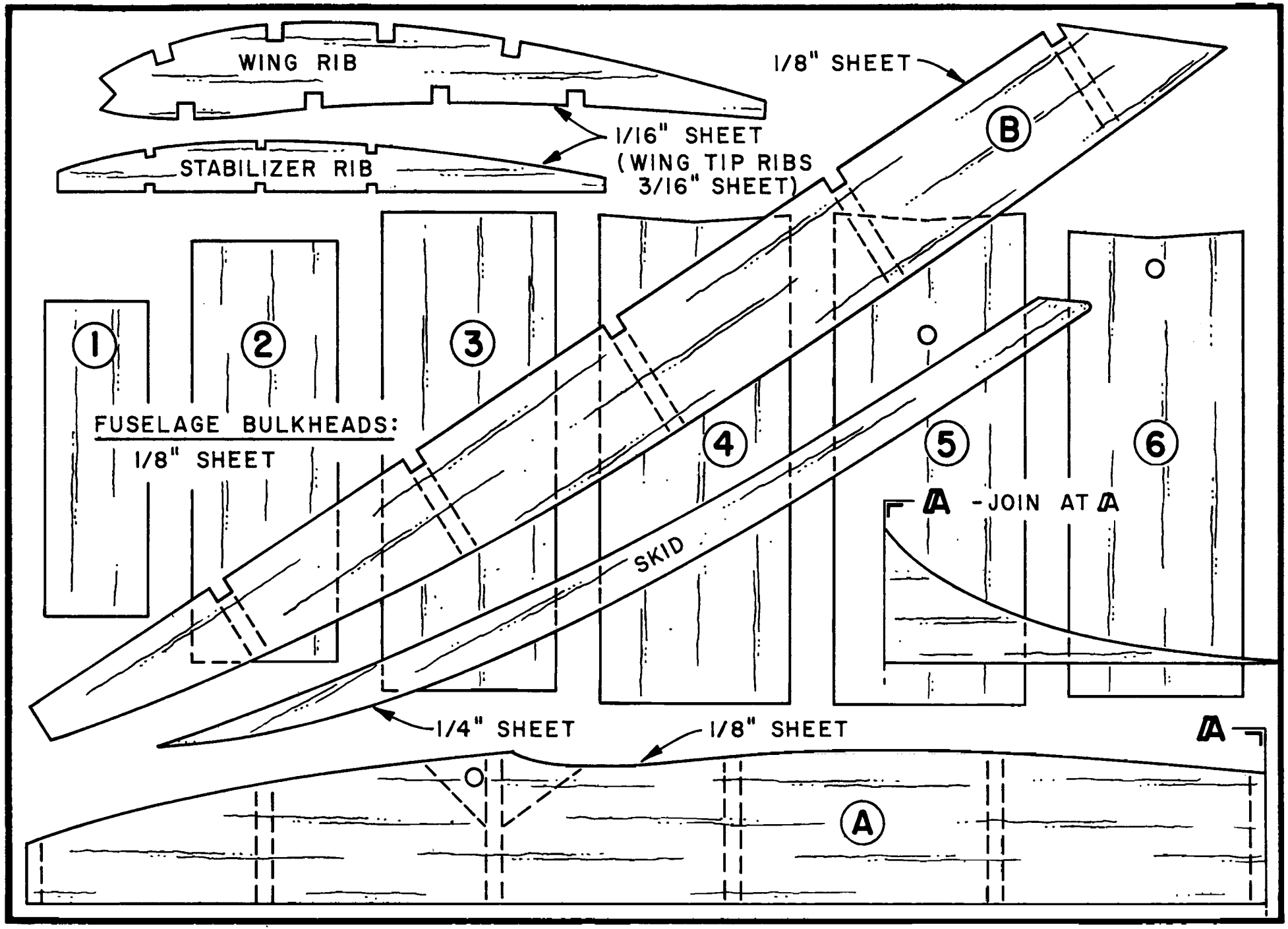

WING:
3/16" SQUARE LEADING EDGE
30" WING SPAN
ALL WING SPARS - 1/8" SQUARE
1/8" SHEET GUSSETS
1/16" SHEET WING RIBS (20 REQUIRED)
TIP RIBS: 3/16" SHEET (2 REQUIRED)
1/8" X 5/8" TRAILING EDGE
NOTE: SHIM FORWARD EDGE 1/16", FULL SPAN TO MAINTAIN AIRFOIL
TOP VIEW:
1/16" SHEET COVERING
ALL BULKHEADS 1/8" SHEET
NOTE: TOP SPARS OVERLAP AT CENTER, AS SHOWN. CEMENT JOINT & CENTER RIBS, WHEN INSTALLING DIHEDRAL
1/8" DIAM. DOWEL
1/8" SQUARE CROSS BRACES
1/16" SHEET STABILIZER PLATFORM
1/8" SHEET
1/8" DIAM. DOWEL
1/8" X 1/2"
1/16" X 3/16" CAP STRIPS SAND TO AIRFOIL
1/16" X 1/8"
HOOKS: BOTH SIDES OF FIN
1/8" X 3/16"
1/16" SHEET BOTH SIDES
STAB. POP-UP STOP
STABILIZER RIB
TOW HOOKS: 1/32" DIAM. WIRE (PAPER CLIP)
DIHEDRAL: 1/12 SCALE
2"
1/8" SHEET GUSSETS
WING RIB
1/8" SHEET
NOSE BLOCK: HARD BALSA
1/8" DIAM. DOWEL
C.G.
1/8" SQUARE LONGERONS
1/16" X 1/8"
1/8" SHEET GUSSETS
1/8" X 1/2"
HOLD DOWN HOOKS: 1/32" DIAM. WIRE (PAPER CLIP)
SKID: 1/4" HARD SHEET
TOW HOOKS: RIGHT SIDE
1/8" SHEET
SIDE VIEW:
STABILIZER:
3/16" SQUARE LEADING EDGE
15" SPAN
1/16" SHEET RIBS (11 REQUIRED)
ALL SPARS - 1/16" SQUARE
1/8" SHEET GUSSETS
1/8" X 1/2" TRAILING EDGE
TYPICAL FUSELAGE CROSS-SECTIONS
VIEW AT STATION 7
VIEW AT STATION 10
SCALE: 1/3 SIZE
0 1 2 3 4 5 6
DESIGNED BY: PAUL GILLIAM & BOB HUNTER
DRAWN BY: T.R.WISE


WING RIB
STABILIZER RIB
1/16" SHEET
(WING TIP RIBS
3/16" SHEET)
1/8" SHEET
B
1
2
3
4
5
6
FUSELAGE BULKHEADS:
1/8" SHEET
A - JOIN AT A
SKID
1/4" SHEET
1/8" SHEET
A
A