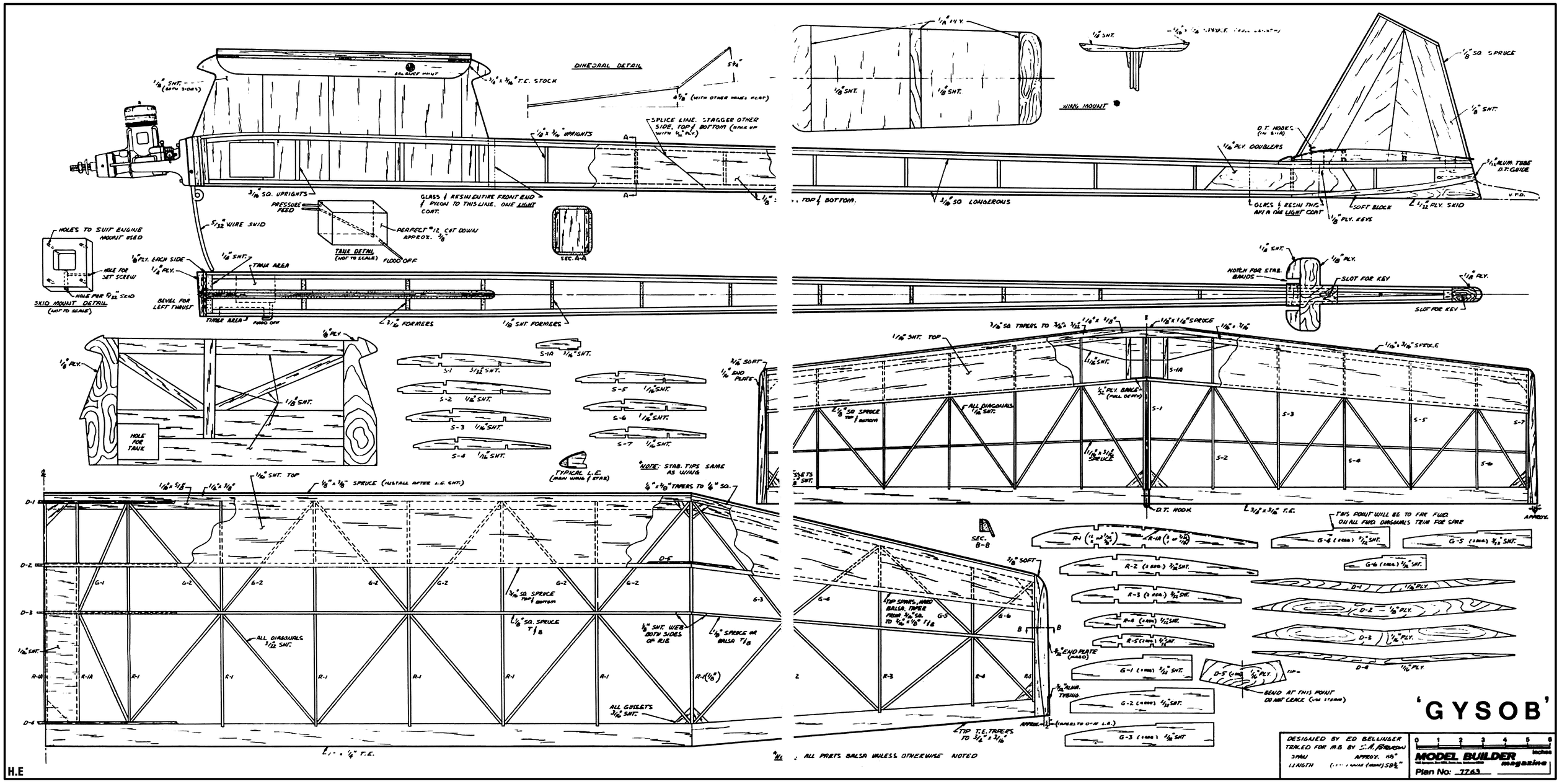
DIHEDRAL DETAIL
5 1/16"
4 5/16" (WITH OTHER WING FLAT)
1/8" SNT. (BOTH SIDES)
3/16" x 3/16" T.E. STOCK
SPLICE LINE. STAGGER OTHER SIDE, TOP & BOTTOM (MAKE UP WITH 1/32" PLY)
1/8" x 3/16" UPRIGHTS
3/16" SQ. UPRIGHTS
GLASS & RESIN ENTIRE FRONT END & PYLON TO THIS LINE. ONE LIGHT COAT.
PRESSURE FEED
PERFECT #12 CUT DOWN APPROX. 3/8"
TANK DETAIL (NOT TO SCALE)
FLOOD OFF
SEC. A-A
5/32" WIRE SKID
HOLES TO SUIT ENGINE MOUNT USED
1/8" PLY. EACH SIDE
HOLE FOR SET SCREW
HOLE FOR 5/32" SKID
SKID MOUNT DETAIL (NOT TO SCALE)
1/8" SNT.
TANK AREA
1/8" PLY.
BEVEL FOR LEFT THRUST
TIMBER AREA
FLOOD OFF
3/16" FORMERS
1/8" SNT. FORMERS
1/8" PLY.
1/8" SNT.
HOLE FOR TANK
S-1A 3/16" SNT.
S-1 5/32" SNT.
S-2 1/16" SNT.
S-3 1/16" SNT.
S-4 1/16" SNT.
S-5 1/16" SNT.
S-6 1/16" SNT.
S-7 1/16" SNT.
3/16" SOFT
1/8" END PLATE
TYPICAL L.E. (MAIN WING & STAB)
*NOTE: STAB. TIPS SAME AS WING
1/16" SNT. TOP
1/8" x 3/8" SPRUCE (INSTALL AFTER L.E. SNT.)
1/8" x 3/8"
1/4" x 3/8" TAPERS TO 1/8" SQ.
D-1
D-2
D-3
D-4
D-5
G-1
G-2
G-3
3/16" SQ. SPRUCE TOP & BOTTOM
1/8" SQ. SPRUCE T/B
1/8" SNT. WEB BOTH SIDES OF RIB
1/8" SPRUCE OR BALSA T/B
ALL DIAGONALS 3/32" SNT.
1/16" SNT.
R-1A
R-1
R-1 (1/8")
ALL GUSSETS 3/16" SNT.
1/8" x 1/8" T.E.
1/8" PLY.
1/8" SNT.
WING MOUNT
1/8" SQ SPRUCE
1/8" SNT.
D.T. HOOKS (IN SKIN)
1/16" PLY. DOUBLERS
3/32" ALUM. TUBE D.T. GUIDE
TOP & BOTTOM.
3/16" SQ LONGERONS
GLASS & RESIN THIN AND A ONE LIGHT COAT
SOFT BLOCK
1/8" PLY. KEYS
1/32" PLY. SKID
NOTCH FOR STAB. BANDS
SLOT FOR KEY
3/16" SQ TAPERS TO 3/16" x 3/32"
1/16" x 1/8"
1/16" x 1/16" SPRUCE
1/16" x 3/16" SPRUCE
1/16" SNT. TOP
1/16" SNT.
1/8" PLY. BANDS (FULL DEPTH)
1/8" SQ SPRUCE TOP & BOTTOM
ALL DIAGONALS 1/16" SNT.
1/16" x 3/16" SPRUCE
D.T. HOOK
3/32" x 3/16" T.E.
APPROX.
SEC. B-B
3/16" SOFT
TIP SPARS, HARD BALSA, TAPER FROM 3/16" SQ. TO 3/16" x 1/8
3/16" END PLATE (HARD)
3/16" ALUM. TUBING
TIP T.E. TAPERS TO 3/16" x 3/16"
APPROX. 1/2" (TAPERS TO 0" AT L.E.)
THIS POINT WILL BE TO FIT FUSE ON ALL FWD. DIAGONALS TRIM FOR SPAR
R-1 (1/4" or 3/16")
R-1A (1/4" or 3/16")
R-2 (2 req.) 3/32" SNT.
R-3 (2 req.) 3/32" SNT.
R-4 (2 req.) 3/32" SNT.
R-5 (2 req.) 3/32" SNT.
G-1 (2 req.) 3/32" SNT.
G-2 (2 req.) 3/32" SNT.
G-3 (2 req.) 3/32" SNT.
G-4 (2 req.) 3/32" SNT.
G-5 (2 req.) 3/32" SNT.
G-6 (2 req.) 3/32" SNT.
D-1 1/16" PLY.
D-2 1/16" PLY.
D-3 1/16" PLY.
D-4 1/16" PLY.
D-5 (2 req.) 1/16" PLY.
TIP
BEND AT THIS POINT TO ANT CLEAR (2 req.)
ALL PARTS BALSA UNLESS OTHERWISE NOTED
'GYSOB'
DESIGNED BY ED BELLINGER
TRACED FOR M.B. BY S.A. BARLOW
SPAN APPROX. 40"
LENGTH (2 req.) 58 1/2"
0 1 2 3 4 5 6 inches
MODEL BUILDER magazine
Plan No: 7763
H.E