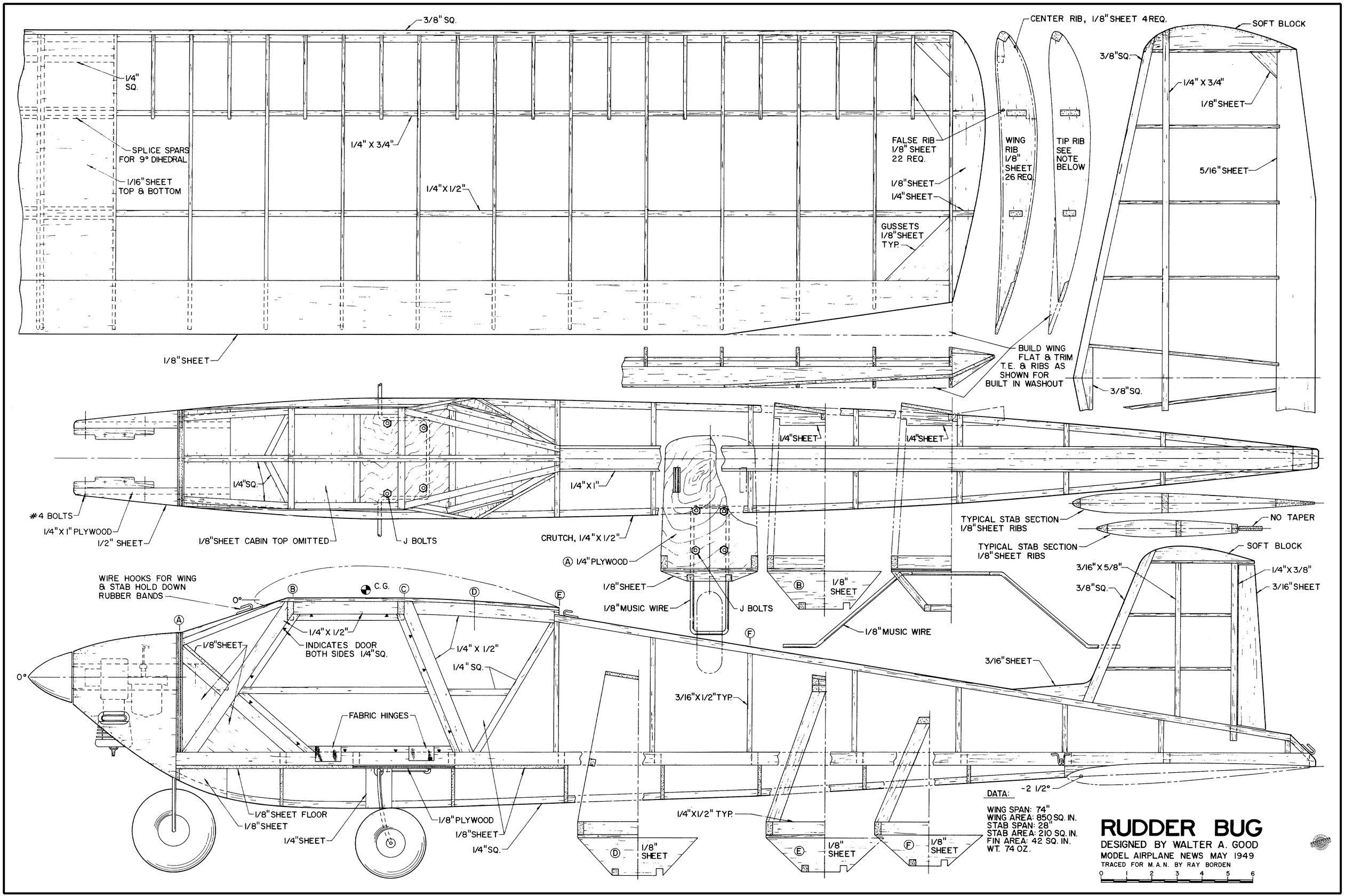
3/8" SQ.
1/4" SQ.
SPLICE SPARS FOR 9° DIHEDRAL
1/16" SHEET TOP & BOTTOM
1/4" X 3/4"
1/4" X 1/2"
1/8" SHEET
FALSE RIB 1/8" SHEET 22 REQ.
1/8" SHEET
1/4" SHEET
GUSSETS 1/8" SHEET TYP.
CENTER RIB, 1/8" SHEET 4 REQ.
WING RIB 1/8" SHEET 26 REQ.
TIP RIB SEE NOTE BELOW
SOFT BLOCK
3/8" SQ.
1/4" X 3/4"
1/8" SHEET
5/16" SHEET
BUILD WING FLAT & TRIM T.E. & RIBS AS SHOWN FOR BUILT IN WASHOUT
3/8" SQ.
1/4" SHEET
1/4" SHEET
1/4" SQ.
1/4" X 1"
#4 BOLTS
1/4" X 1" PLYWOOD
1/2" SHEET
1/8" SHEET CABIN TOP OMITTED
J BOLTS
CRUTCH, 1/4" X 1/2"
Ⓐ 1/4" PLYWOOD
1/8" SHEET
1/8" MUSIC WIRE
J BOLTS
Ⓑ 1/8" SHEET
1/8" MUSIC WIRE
TYPICAL STAB SECTION 1/8" SHEET RIBS
NO TAPER
TYPICAL STAB SECTION 1/8" SHEET RIBS
SOFT BLOCK
3/16" X 5/8"
1/4" X 3/8"
3/8" SQ.
3/16" SHEET
3/16" SHEET
WIRE HOOKS FOR WING & STAB HOLD DOWN RUBBER BANDS
0°
Ⓐ
Ⓑ
C.G.
Ⓒ
Ⓓ
Ⓔ
Ⓕ
1/4" X 1/2"
INDICATES DOOR BOTH SIDES 1/4" SQ.
1/8" SHEET
1/4" X 1/2"
1/4" SQ.
0°
FABRIC HINGES
3/16" X 1/2" TYP.
1/8" SHEET FLOOR
1/8" SHEET
1/4" SHEET
1/8" PLYWOOD
1/8" SHEET
1/4" SQ.
Ⓓ 1/8" SHEET
1/4" X 1/2" TYP.
Ⓔ 1/8" SHEET
Ⓕ 1/8" SHEET
-2 1/2°
DATA:
WING SPAN: 74"
WING AREA: 850 SQ. IN.
STAB SPAN: 28"
STAB AREA: 210 SQ. IN.
FIN AREA: 42 SQ. IN.
WT. 74 OZ.
RUDDER BUG
DESIGNED BY WALTER A. GOOD
MODEL AIRPLANE NEWS MAY 1949
TRACED FOR M.A.N. BY RAY BORDEN
0 1 2 3 4 5 6