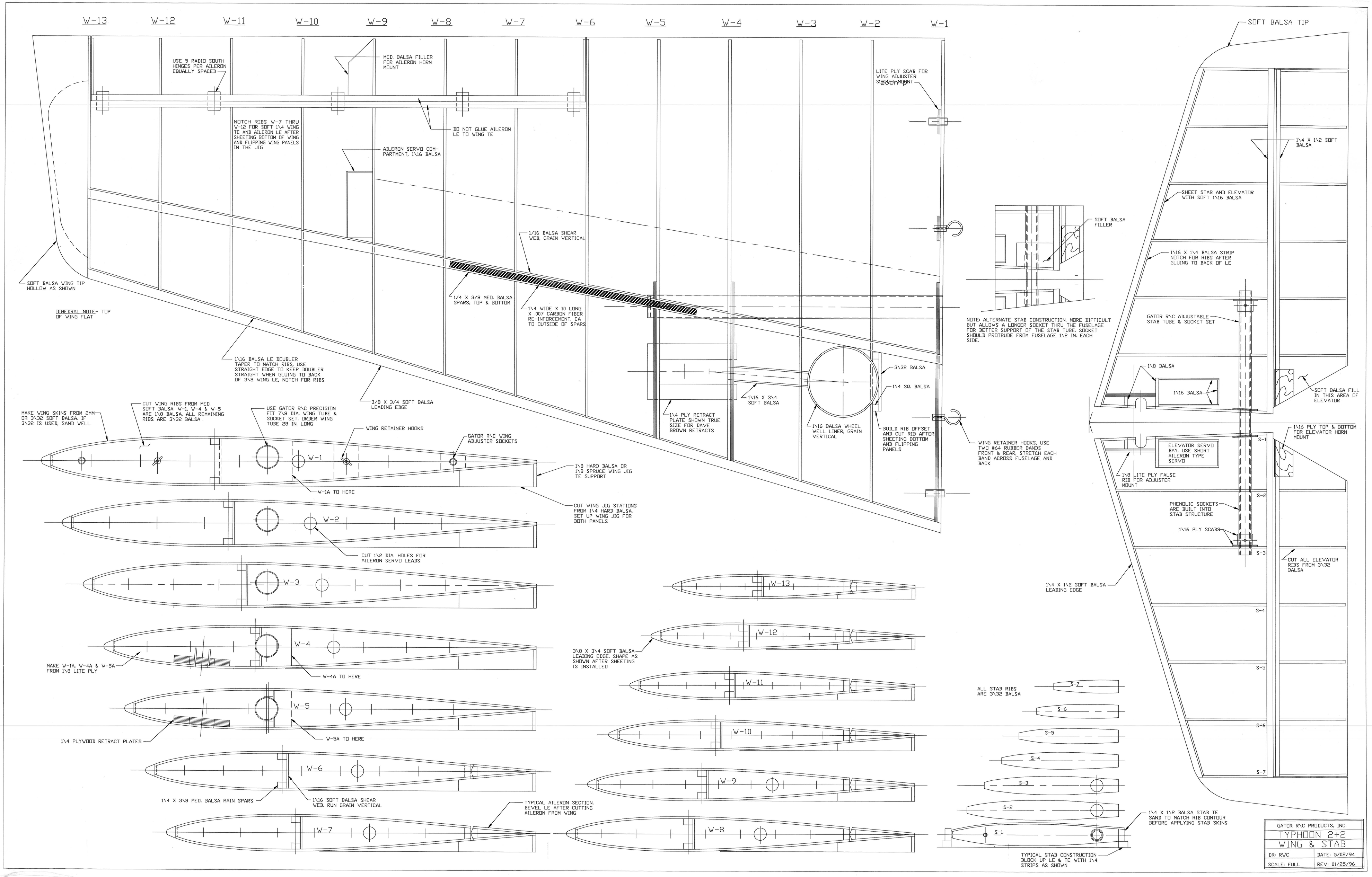
W-13
W-12
W-11
W-10
W-9
W-8
W-7
W-6
W-5
W-4
W-3
W-2
W-1
USE 5 RADIO SOUTH HINGES PER AILERON EQUALLY SPACED
MED. BALSA FILLER FOR AILERON HORN MOUNT
LITE PLY SCAB FOR WING ADJUSTER SCREW MOUNT
NOTCH RIBS W-7 THRU W-12 FOR SOFT 1\4 WING TE AND AILERON LE AFTER SHEETING BOTTOM OF WING AND FLIPPING WING PANELS IN THE JIG
DO NOT GLUE AILERON LE TO WING TE
AILERON SERVO COMPARTMENT, 1\16 BALSA
1/16 BALSA SHEAR WEB, GRAIN VERTICAL
SOFT BALSA WING TIP HOLLOW AS SHOWN
1/4 X 3/8 MED. BALSA SPARS, TOP & BOTTOM
1\4 WIDE X 10 LONG X .007 CARBON FIBER RE-INFORCEMENT, CA TO OUTSIDE OF SPARS
DIHEDRAL NOTE- TOP OF WING FLAT
1\16 BALSA LE DOUBLER TAPER TO MATCH RIBS, USE STRAIGHT EDGE TO KEEP DOUBLER STRAIGHT WHEN GLUING TO BACK OF 3\8 WING LE, NOTCH FOR RIBS
3/8 X 3/4 SOFT BALSA LEADING EDGE
1\4 PLY RETRACT PLATE SHOWN TRUE SIZE FOR DAVE BROWN RETRACTS
1\16 X 3\4 SOFT BALSA
3\32 BALSA
1\4 SQ. BALSA
1\16 BALSA WHEEL WELL LINER, GRAIN VERTICAL
BUILD RIB OFFSET AND CUT RIB AFTER SHEETING BOTTOM AND FLIPPING PANELS
WING RETAINER HOOKS, USE TWO #64 RUBBER BANDS FRONT & REAR, STRETCH EACH BAND ACROSS FUSELAGE AND BACK
SOFT BALSA FILLER
NOTE: ALTERNATE STAB CONSTRUCTION. MORE DIFFICULT BUT ALLOWS A LONGER SOCKET THRU THE FUSELAGE FOR BETTER SUPPORT OF THE STAB TUBE. SOCKET SHOULD PROTRUDE FROM FUSELAGE 1\2 IN. EACH SIDE.
SOFT BALSA TIP
1\4 X 1\2 SOFT BALSA
SHEET STAB AND ELEVATOR WITH SOFT 1\16 BALSA
1\16 X 1\4 BALSA STRIP NOTCH FOR RIBS AFTER GLUING TO BACK OF LE
GATOR R\C ADJUSTABLE STAB TUBE & SOCKET SET
1\8 BALSA
1\16 BALSA
SOFT BALSA FILL IN THIS AREA OF ELEVATOR
1\16 PLY TOP & BOTTOM FOR ELEVATOR HORN MOUNT
ELEVATOR SERVO BAY. USE SHORT AILERON TYPE SERVO
1\8 LITE PLY FALSE RIB FOR ADJUSTER MOUNT
PHENOLIC SOCKETS ARE BUILT INTO STAB STRUCTURE
1\16 PLY SCABS
CUT ALL ELEVATOR RIBS FROM 3\32 BALSA
1\4 X 1\2 SOFT BALSA LEADING EDGE
S-1
S-2
S-3
S-4
S-5
S-6
S-7
MAKE WING SKINS FROM 2MM OR 3\32 SOFT BALSA. IF 3\32 IS USED, SAND WELL
CUT WING RIBS FROM MED. SOFT BALSA. W-1, W-4 & W-5 ARE 1\8 BALSA, ALL REMAINING RIBS ARE 3\32 BALSA
USE GATOR R\C PRECISION FIT 7\8 DIA. WING TUBE & SOCKET SET. ORDER WING TUBE 28 IN. LONG
WING RETAINER HOOKS
GATOR R\C WING ADJUSTER SOCKETS
1\8 HARD BALSA OR 1\8 SPRUCE WING JIG TE SUPPORT
W-1A TO HERE
CUT WING JIG STATIONS FROM 1\4 HARD BALSA. SET UP WING JIG FOR BOTH PANELS
CUT 1\2 DIA. HOLES FOR AILERON SERVO LEADS
MAKE W-1A, W-4A & W-5A FROM 1\8 LITE PLY
W-4A TO HERE
1\4 PLYWOOD RETRACT PLATES
W-5A TO HERE
1\4 X 3\8 MED. BALSA MAIN SPARS
1\16 SOFT BALSA SHEAR WEB. RUN GRAIN VERTICAL
TYPICAL AILERON SECTION. BEVEL LE AFTER CUTTING AILERON FROM WING
3\8 X 3\4 SOFT BALSA LEADING EDGE. SHAPE AS SHOWN AFTER SHEETING IS INSTALLED
ALL STAB RIBS ARE 3\32 BALSA
1\4 X 1\2 BALSA STAB TE SAND TO MATCH RIB CONTOUR BEFORE APPLYING STAB SKINS
TYPICAL STAB CONSTRUCTION BLOCK UP LE & TE WITH 1\4 STRIPS AS SHOWN
GATOR R\C PRODUCTS, INC.
TYPHOON 2+2
WING & STAB
DR: RWC
DATE: 5/02/94
SCALE: FULL
REV: 01/25/96