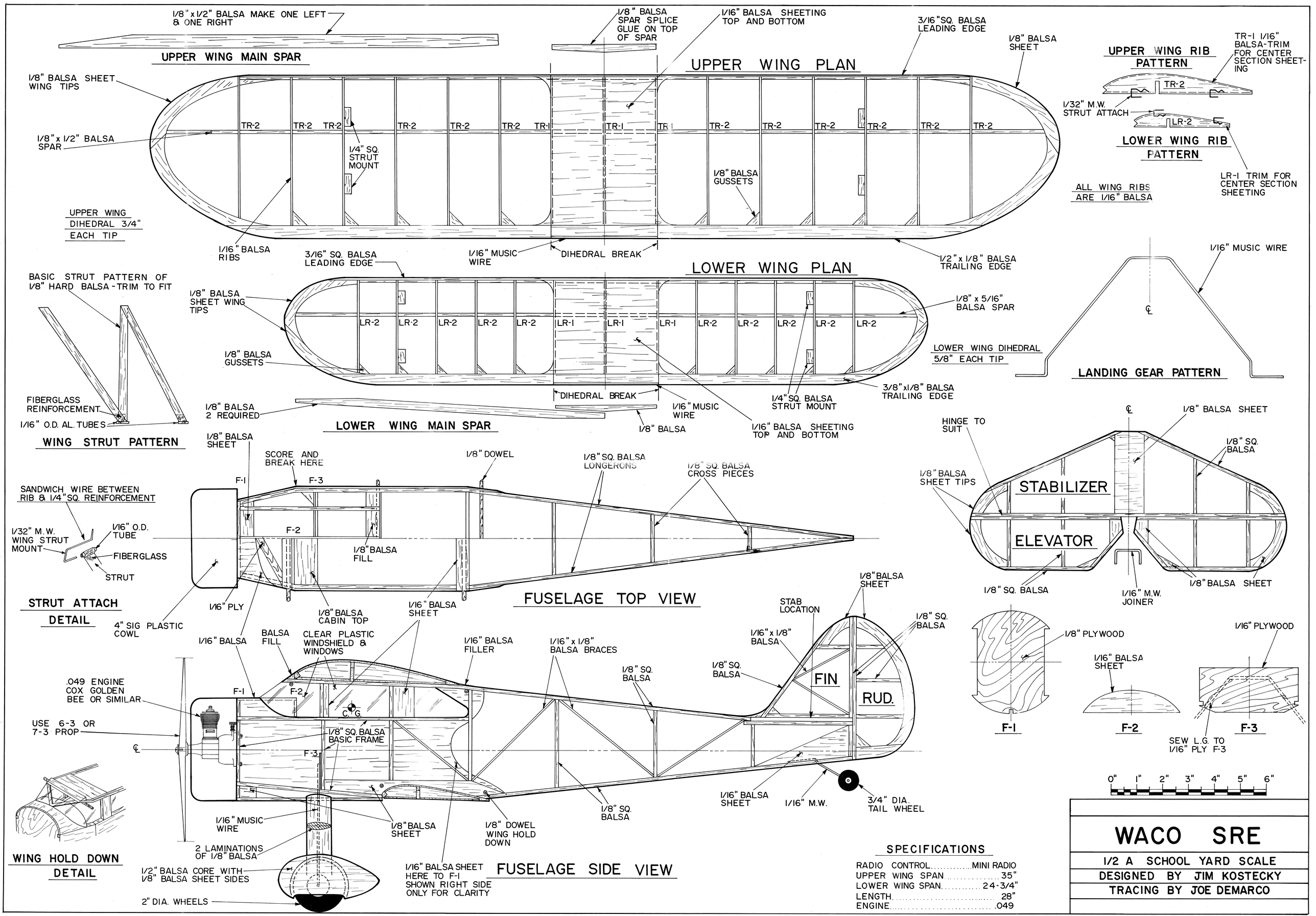
1/8" x 1/2" BALSA MAKE ONE LEFT & ONE RIGHT
UPPER WING MAIN SPAR
1/8" BALSA SPAR SPLICE GLUE ON TOP OF SPAR
1/16" BALSA SHEETING TOP AND BOTTOM
3/16" SQ. BALSA LEADING EDGE
1/8" BALSA SHEET
UPPER WING PLAN
1/8" BALSA SHEET WING TIPS
1/8" x 1/2" BALSA SPAR
TR-2
TR-1
1/4" SQ. STRUT MOUNT
1/8" BALSA GUSSETS
UPPER WING DIHEDRAL 3/4" EACH TIP
1/16" BALSA RIBS
1/16" MUSIC WIRE
DIHEDRAL BREAK
1/2" x 1/8" BALSA TRAILING EDGE
UPPER WING RIB PATTERN
TR-1 1/16" BALSA-TRIM FOR CENTER SECTION SHEETING
1/32" M.W. STRUT ATTACH
LR-2
LOWER WING RIB PATTERN
LR-1 TRIM FOR CENTER SECTION SHEETING
ALL WING RIBS ARE 1/16" BALSA
BASIC STRUT PATTERN OF 1/8" HARD BALSA - TRIM TO FIT
LOWER WING PLAN
3/16" SQ. BALSA LEADING EDGE
1/8" BALSA SHEET WING TIPS
LR-2
LR-1
1/8" x 5/16" BALSA SPAR
1/8" BALSA GUSSETS
LOWER WING DIHEDRAL 5/8" EACH TIP
1/16" MUSIC WIRE
LANDING GEAR PATTERN
FIBERGLASS REINFORCEMENT
1/16" O.D. AL. TUBES
WING STRUT PATTERN
1/8" BALSA 2 REQUIRED
LOWER WING MAIN SPAR
DIHEDRAL BREAK
1/16" MUSIC WIRE
1/8" BALSA
1/16" BALSA SHEETING TOP AND BOTTOM
1/4" SQ. BALSA STRUT MOUNT
3/8" x 1/8" BALSA TRAILING EDGE
1/8" BALSA SHEET
SCORE AND BREAK HERE
1/8" DOWEL
1/8" SQ. BALSA LONGERONS
1/8" SQ. BALSA CROSS PIECES
F-1
F-3
F-2
SANDWICH WIRE BETWEEN RIB & 1/4" SQ. REINFORCEMENT
1/32" M.W. WING STRUT MOUNT
1/16" O.D. TUBE
FIBERGLASS
STRUT
STRUT ATTACH DETAIL
1/8" BALSA FILL
FUSELAGE TOP VIEW
1/16" PLY
1/8" BALSA CABIN TOP
1/16" BALSA SHEET
4" SIG PLASTIC COWL
1/16" BALSA
BALSA FILL
CLEAR PLASTIC WINDSHIELD & WINDOWS
1/16" BALSA FILLER
1/16" x 1/8" BALSA BRACES
1/8" SQ. BALSA
STAB LOCATION
1/8" BALSA SHEET
1/8" SQ. BALSA
1/16" x 1/8" BALSA
1/8" SQ. BALSA
FIN
RUD.
.049 ENGINE COX GOLDEN BEE OR SIMILAR
USE 6-3 OR 7-3 PROP
C.G.
1/8" SQ. BALSA BASIC FRAME
1/16" MUSIC WIRE
1/8" BALSA SHEET
2 LAMINATIONS OF 1/8" BALSA
1/2" BALSA CORE WITH 1/8" BALSA SHEET SIDES
2" DIA. WHEELS
1/8" DOWEL WING HOLD DOWN
1/16" BALSA SHEET HERE TO F-1 SHOWN RIGHT SIDE ONLY FOR CLARITY
FUSELAGE SIDE VIEW
1/8" SQ. BALSA
1/16" BALSA SHEET
1/16" M.W.
3/4" DIA. TAIL WHEEL
WING HOLD DOWN DETAIL
HINGE TO SUIT
1/8" BALSA SHEET
1/8" SQ. BALSA
1/8" BALSA SHEET TIPS
STABILIZER
ELEVATOR
1/8" SQ. BALSA
1/16" M.W. JOINER
1/8" BALSA SHEET
1/8" PLYWOOD
1/16" PLYWOOD
1/16" BALSA SHEET
F-1
F-2
F-3
SEW L.G. TO 1/16" PLY F-3
0" 1" 2" 3" 4" 5" 6"
SPECIFICATIONS
RADIO CONTROL.....MINI RADIO
UPPER WING SPAN.....35"
LOWER WING SPAN.....24-3/4"
LENGTH.....28"
ENGINE.....049
WACO SRE
1/2 A SCHOOL YARD SCALE
DESIGNED BY JIM KOSTECKY
TRACING BY JOE DEMARCO