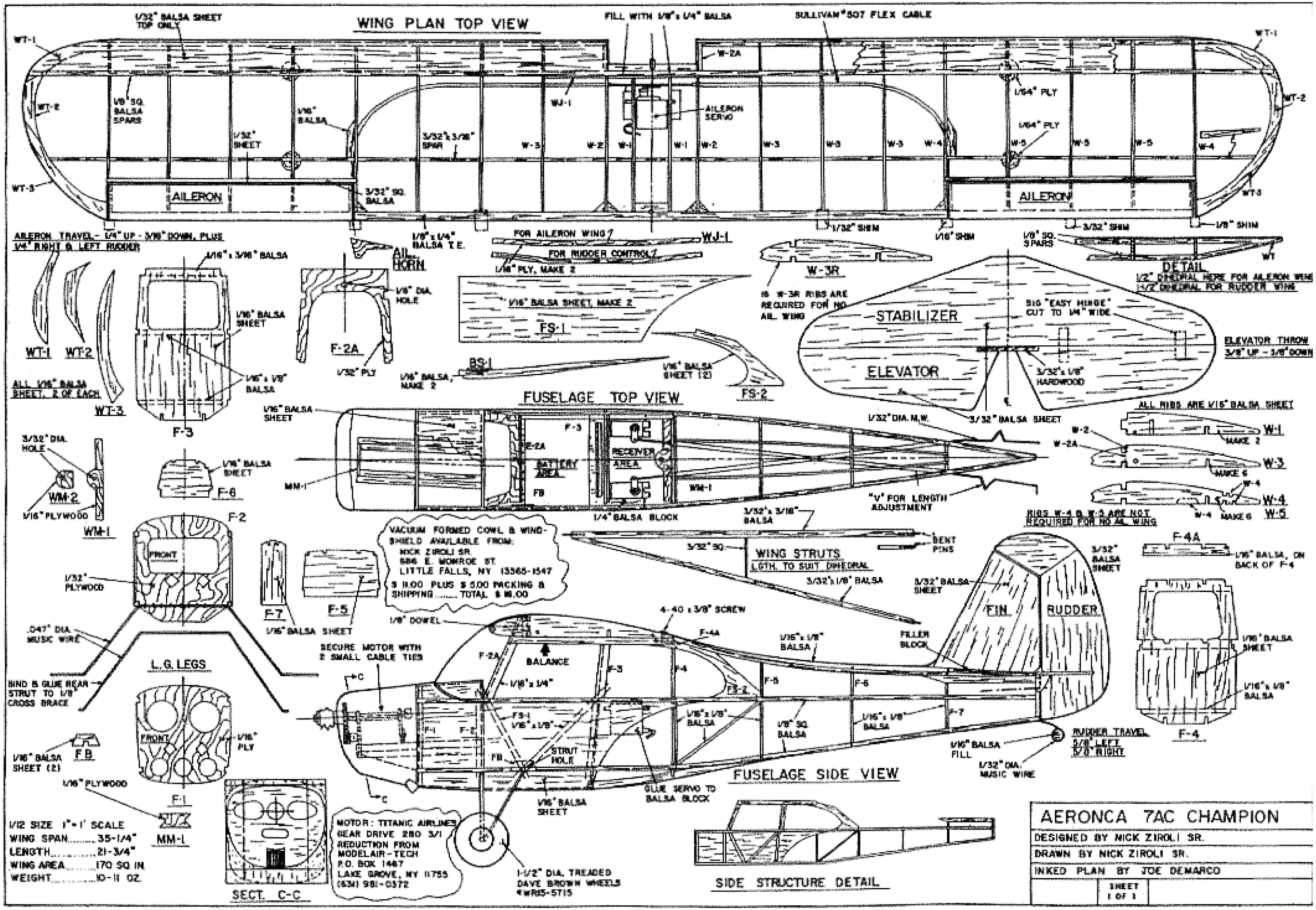
WING PLAN TOP VIEW
1/32" BALSA SHEET TOP ONLY
FILL WITH 1/8" x 1/4" BALSA
SULLIVAN #507 FLEX CABLE
WT-1
WT-2
WT-3
1/8" SQ. BALSA SPARS
1/16" BALSA
1/32" SHEET
3/32" x 3/16" SPAR
WJ-1
AILERON SERVO
W-2A
W-1
W-2
W-3
W-4
W-5
1/64" PLY
AILERON
3/32" SQ. BALSA
1/8" x 1/4" BALSA T.E.
1/32" SHIM
1/16" SHIM
3/32" SHIM
1/8" SHIM
AILERON TRAVEL - 1/4" UP - 3/16" DOWN, PLUS 1/4" RIGHT & LEFT RUDDER
AIL. HORN
FOR AILERON WING
FOR RUDDER CONTROL
1/16" PLY, MAKE 2
W-3R
16 W-3R RIBS ARE REQUIRED FOR NO AIL. WING
DETAIL
1/2" DIHEDRAL HOPE FOR AILERON WING
1-1/2" DIHEDRAL FOR RUDDER WING
1/16" x 3/16" BALSA
1/16" BALSA SHEET
1/16" x 1/8" BALSA
1/8" DIA. HOLE
F-2A
1/32" PLY
1/16" BALSA SHEET, MAKE 2
FS-1
BS-1
1/16" BALSA, MAKE 2
1/16" BALSA SHEET (2)
FS-2
STABILIZER
ELEVATOR
SIG "EASY HINGE" CUT TO 1/4" WIDE
3/32" x 1/8" HARDWOOD
ELEVATOR THROW 3/8" UP - 3/8" DOWN
ALL 1/16" BALSA SHEET, 2 OF EACH
WT-1
WT-2
WT-3
F-3
FUSELAGE TOP VIEW
1/16" BALSA SHEET
1/32" DIA. M.W.
3/32" BALSA SHEET
ALL RIBS ARE 1/16" BALSA SHEET
W-1
MAKE 2
W-2
W-2A
W-3
MAKE 6
W-4
W-5
3/32" DIA. HOLE
WM-2
1/16" PLYWOOD
WM-1
F-6
F-2
F-3
F-2A
BATTERY AREA
RECEIVER AREA
MM-1
FB
1/4" BALSA BLOCK
3/32" x 3/16" BALSA
"V" FOR LENGTH ADJUSTMENT
RIBS W-4 & W-5 ARE NOT REQUIRED FOR NO AIL. WING
VACUUM FORMED COWL & WINDSHIELD AVAILABLE FROM:
NICK ZIROLI SR.
686 E. MONROE ST.
LITTLE FALLS, NY 13365-1547
$ 8.00 PLUS $ 5.00 PACKING & SHIPPING ..... TOTAL $ 13.00
3/32" SQ.
WING STRUTS
LGTH. TO SUIT DIHEDRAL
3/32" x 1/8" BALSA
BENT PINS
F-4A
1/16" BALSA, ON BACK OF F-4
3/32" BALSA SHEET
FIN
RUDDER
FILLER BLOCK
1/32" PLYWOOD
.047" DIA. MUSIC WIRE
BIND & GLUE REAR STRUT TO 1/8" CROSS BRACE
L.G. LEGS
FRONT
1/16" PLY
FB
1/16" BALSA SHEET (2)
1/16" PLYWOOD
F-1
MM-1
F-7
F-5
1/16" BALSA SHEET
SECURE MOTOR WITH 2 SMALL CABLE TIES
1/8" DOWEL
4-40 x 3/8" SCREW
BALANCE
1/16" x 1/4"
1/16" x 1/8" BALSA
1/8" SQ. BALSA
STRUT HOLE
GLUE SERVO TO BALSA BLOCK
1/16" BALSA SHEET
FUSELAGE SIDE VIEW
RUDDER TRAVEL 3/8" LEFT 3/8" RIGHT
1/16" BALSA FILL
1/32" DIA. MUSIC WIRE
1/12 SIZE 1" = 1' SCALE
WING SPAN ..... 35-1/4"
LENGTH ..... 21-3/4"
WING AREA ..... 170 SQ. IN.
WEIGHT ..... 10-11 OZ.
SECT. C-C
MOTOR: TITANIC AIRLINES GEAR DRIVE 280 3/1 REDUCTION FROM MODELAIR-TECH P.O. BOX 1467 LAKE GROVE, NY 11755 (631) 981-0372
1-1/2" DIA. TREADED DAVE BROWN WHEELS #WR15-5715
SIDE STRUCTURE DETAIL
AERONCA 7AC CHAMPION
DESIGNED BY NICK ZIROLI SR.
DRAWN BY NICK ZIROLI SR.
INKED PLAN BY JOE DEMARCO
SHEET 1 OF 1