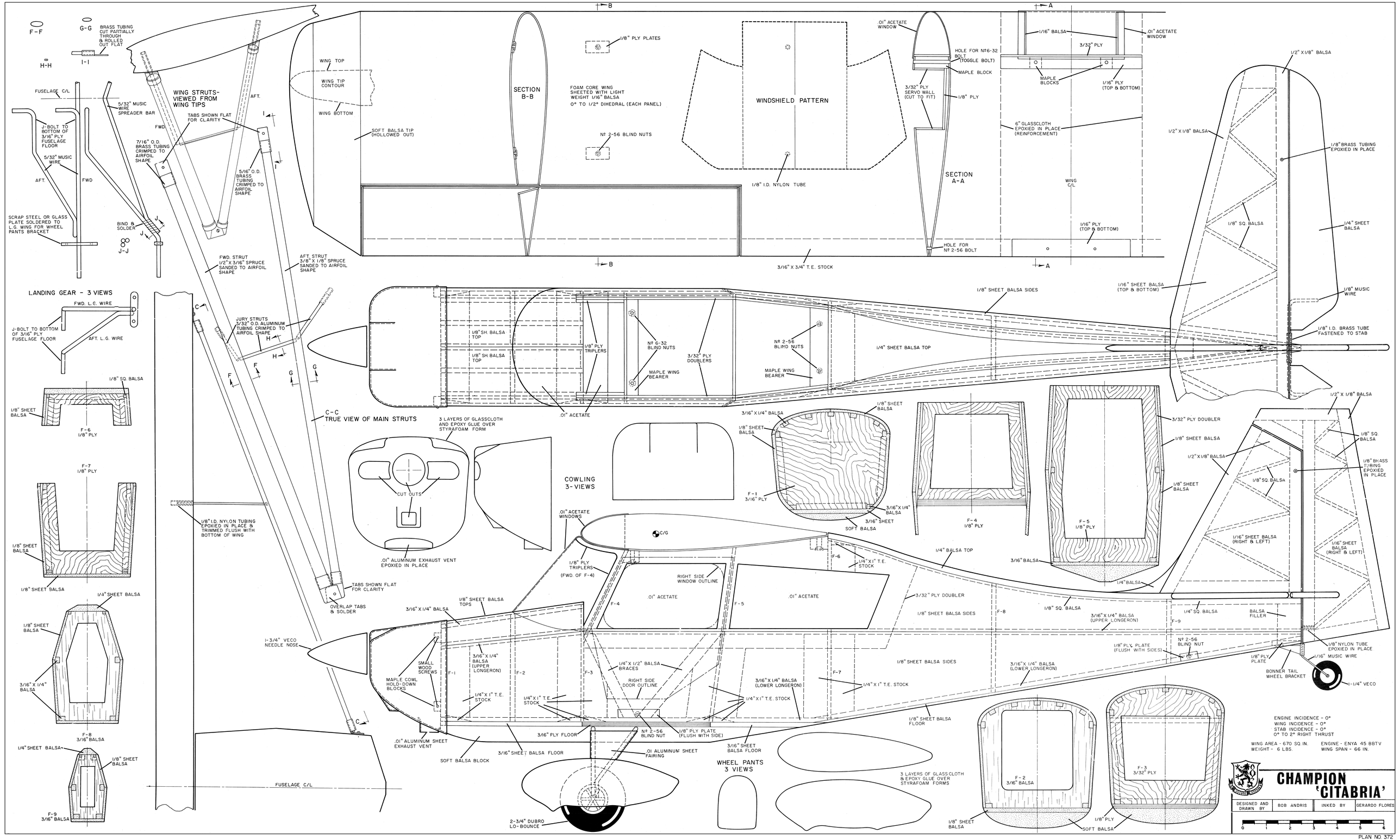
F-F
G-G
H-H
I-I
BRASS TUBING CUT PARTIALLY THROUGH & ROLLED OUT FLAT
FUSELAGE C/L
J-BOLT TO BOTTOM OF 3/16" PLY FUSELAGE FLOOR
5/32" MUSIC WIRE
AFT.
FWD
SCRAP STEEL OR GLASS PLATE SOLDERED TO L.G. WING FOR WHEEL PANTS BRACKET
BIND & SOLDER
J-J
WING STRUTS- VIEWED FROM WING TIPS
5/32" MUSIC WIRE SPREADER BAR
TABS SHOWN FLAT FOR CLARITY
7/16" O.D. BRASS TUBING CRIMPED TO AIRFOIL SHAPE
5/16" O.D. BRASS TUBING CRIMPED TO AIRFOIL SHAPE
FWD. STRUT 1/2" X 3/16" SPRUCE SANDED TO AIRFOIL SHAPE
AFT. STRUT 3/8" X 1/8" SPRUCE SANDED TO AIRFOIL SHAPE
WING TOP
WING TIP CONTOUR
WING BOTTOM
SOFT BALSA TIP (HOLLOWED OUT)
SECTION B-B
1/8" PLY PLATES
FOAM CORE WING SHEETED WITH LIGHT WEIGHT 1/16" BALSA
0° TO 1/2° DIHEDRAL (EACH PANEL)
Nº 2-56 BLIND NUTS
WINDSHIELD PATTERN
1/8" I.D. NYLON TUBE
3/16" X 3/4" T.E. STOCK
.01" ACETATE WINDOW
HOLE FOR Nº6-32 BOLT (TOGGLE BOLT)
MAPLE BLOCK
3/32" PLY SERVO WALL (CUT TO FIT)
1/8" PLY
SECTION A-A
HOLE FOR Nº 2-56 BOLT
1/16" BALSA
3/32" PLY
MAPLE BLOCKS
1/16" PLY (TOP & BOTTOM)
6" GLASSCLOTH EPOXIED IN PLACE (REINFORCEMENT)
WING C/L
1/2" X 1/8" BALSA
1/8" BRASS TUBING EPOXIED IN PLACE
1/8" SQ. BALSA
1/4" SHEET BALSA
1/16" SHEET BALSA (TOP & BOTTOM)
1/8" MUSIC WIRE
1/8" I.D. BRASS TUBE FASTENED TO STAB
LANDING GEAR - 3 VIEWS
FWD. L.G. WIRE
AFT. L.G. WIRE
JURY STRUTS 3/32" O.D. ALUMINUM TUBING CRIMPED TO AIRFOIL SHAPE
1/8" SHEET BALSA
F-6 1/8" PLY
F-7 1/8" PLY
1/8" SHEET BALSA
1/4" SHEET BALSA
3/16" X 1/4" BALSA
F-8 3/16" BALSA
F-9 3/16" BALSA
C-C TRUE VIEW OF MAIN STRUTS
1/8" I.D. NYLON TUBING EPOXIED IN PLACE & TRIMMED FLUSH WITH BOTTOM OF WING
OVERLAP TABS & SOLDER
1/8" SHEET BALSA TOP
1/8" PLY TRIPLERS
Nº 6-32 BLIND NUTS
MAPLE WING BEARER
3/32" PLY DOUBLERS
Nº 2-56 BLIND NUTS
1/4" SHEET BALSA TOP
1/8" SHEET BALSA SIDES
.01" ACETATE
3 LAYERS OF GLASSCLOTH AND EPOXY GLUE OVER STYRAFOAM FORM
CUT OUTS
.01" ALUMINUM EXHAUST VENT EPOXIED IN PLACE
COWLING 3-VIEWS
3/16" X 1/4" BALSA
F-1 3/16" PLY
3/16" SHEET SOFT BALSA
F-4 1/8" PLY
F-5 1/8" PLY
3/32" PLY DOUBLER
1/8" SHEET BALSA
1/2" X 1/8" BALSA
1/8" SQ. BALSA
1/8" BRASS TUBING EPOXIED IN PLACE
1/16" SHEET BALSA (RIGHT & LEFT)
3/16" BALSA
1/4" BALSA
.01" ACETATE WINDOWS
C/G
1/8" PLY TRIPLERS (FWD. OF F-4)
RIGHT SIDE WINDOW OUTLINE
F-4
F-5
F-6
1/4" X 1" T.E. STOCK
1/4" BALSA TOP
3/32" PLY DOUBLER
1/8" SHEET BALSA SIDES
F-8
1/8" SQ. BALSA
3/16" X 1/4" BALSA (UPPER LONGERON)
F-9
1/4" SQ. BALSA
BALSA FILLER
1-3/4" VECO NEEDLE NOSE
1/8" SHEET BALSA TOPS
3/16" X 1/4" BALSA (UPPER LONGERON)
SMALL WOOD SCREWS
MAPLE COWL HOLD-DOWN BLOCKS
F-1
F-2
F-3
1/4" X 1/2" BALSA BRACES
RIGHT SIDE DOOR OUTLINE
1/4" X 1" T.E. STOCK
3/16" X 1/4" BALSA (LOWER LONGERON)
F-7
1/8" SHEET BALSA SIDES
3/16" X 1/4" BALSA (LOWER LONGERON)
1/8" PLY PLATE (FLUSH WITH SIDES)
Nº 2-56 BLIND NUT
1/8" NYLON TUBE EPOXIED IN PLACE
1/16" MUSIC WIRE
1/8" PLY PLATE
BONNER TAIL WHEEL BRACKET
1-1/4" VECO
.01" ACETATE
3/16" PLY FLOOR
Nº 2-56 BLIND NUT
1/8" PLY PLATE (FLUSH WITH SIDE)
3/16" SHEET BALSA FLOOR
.01" ALUMINUM EXHAUST VENT
SOFT BALSA BLOCK
3/16" SHEET BALSA FLOOR
.01 ALUMINUM SHEET FAIRING
1/8" SHEET BALSA FLOOR
FUSELAGE C/L
2-3/4" DUBRO LO-BOUNCE
WHEEL PANTS 3 VIEWS
3 LAYERS OF GLASS CLOTH & EPOXY GLUE OVER STYRAFOAM FORMS
F-2 3/16" BALSA
F-3 3/32" PLY
1/8" SHEET BALSA
1/8" PLY
SOFT BALSA
ENGINE INCIDENCE - 0°
WING INCIDENCE - 0°
STAB INCIDENCE - 0°
0° TO 2° RIGHT THRUST
WING AREA - 670 SQ. IN.
WEIGHT - 6 LBS.
ENGINE - ENYA 45 BBTV
WING SPAN - 66 IN.
CHAMPION 'CITABRIA'
DESIGNED AND DRAWN BY
BOB ANDRIS
INKED BY
GERARDO FLORES
0 1 2 3 4 5 6
PLAN NO. 372