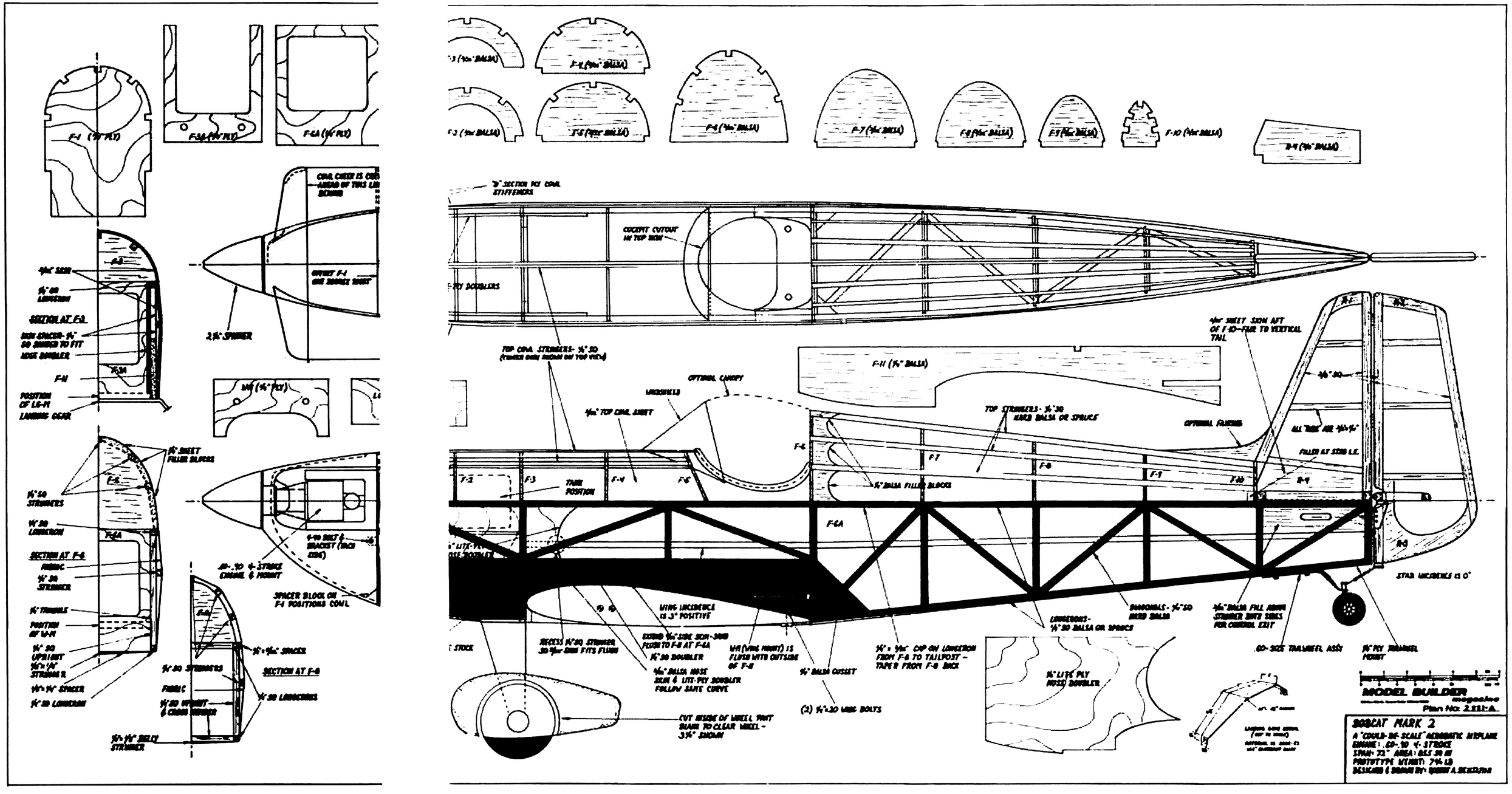
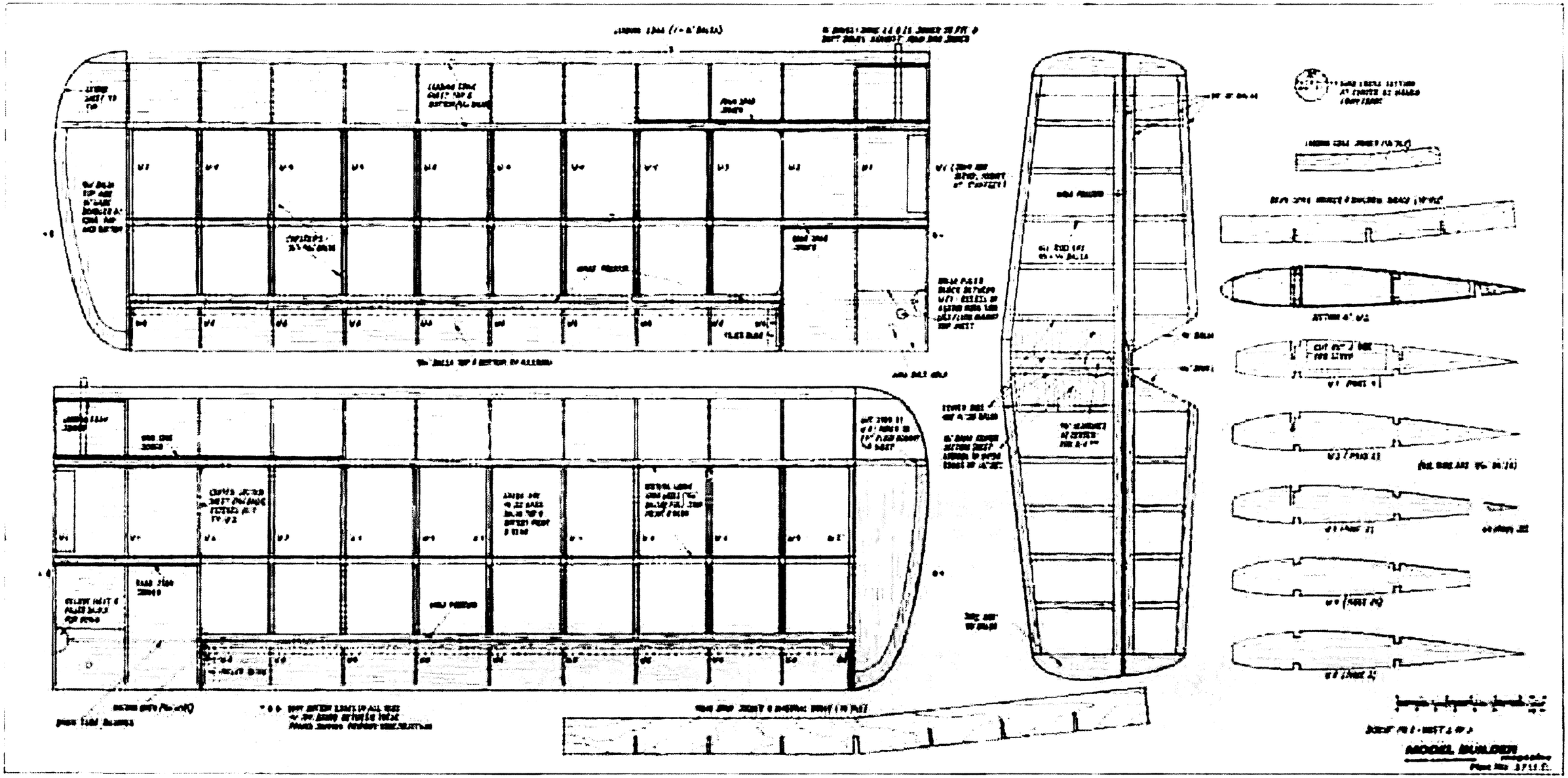

F-1 (3/8" PLY)
F-3A (1/4" PLY)
F-6A (1/4" PLY)
1/4" SKIN
1/8" OD LONGERON
SECTION AT F-3
SKIN SPACER- 1/4" SQ SHAPED TO FIT
NOSE DOUBLER
F-11
POSITION OF LG-11 LANDING GEAR
2 1/4" SPINNER
OFFSET F-1 ONE DOUBLE THICK
1/8" (1/4" PLY)
1/4" SHEET FILLER BLOCKS
1/8" SQ STRINGERS
1/8" SQ LONGERON
SECTION AT F-6
FABRIC
1/8" SQ STRINGER
1/8" TRIANGLE
POSITION OF LG-11
1/8" SQ UPRIGHT
1/8"x1/8" STRINGER
1/8"x1/8" SPACER
1/8" SQ LONGERON
1-90 BELT & BRACKET (RACE CONV)
.60-.90 4-STROKE ENGINE & MOUNT
SPACER BLOCK ON F-1 POSITIONS COWL
1/8"x1/8" SPACER
SECTION AT F-8
1/8" SQ STRINGERS
FABRIC
1/8" SQ UPRIGHT & CHAIN DRIVER
1/8" SQ LONGERONS
1/8"x1/8" BELLY STRINGER
F-2 (1/4" BALSA)
F-3 (1/4" BALSA)
F-5 (1/4" BALSA)
F-6 (1/4" BALSA)
F-7 (1/4" BALSA)
F-8 (1/4" BALSA)
F-9 (1/4" BALSA)
F-10 (1/4" BALSA)
R-9 (1/4" BALSA)
3/8" SECTION PLY COWL STIFFENERS
COCKPIT CUTOUT IN TOP SKIN
PLY DOUBLERS
TOP COWL STRINGERS- 1/8" SQ (FRAMES OMIT SHOWN ON TOP VIEW)
OPTIONAL CANOPY
WINDSHIELD
1/4" TOP COWL SHEET
F-11 (1/4" BALSA)
TOP STRINGERS- 1/8" SQ HARD BALSA OR SPRUCE
1/4" SHEET SKIN AFT OF F-10—FAIR TO VERTICAL TAIL
1/8" SQ
OPTIONAL FAIRING
ALL "TRIM" ARE 1/8"x1/8"
FILLER AT STAB L.E.
F-2
F-3
TUBE POSITION
F-4
F-5
F-6
F-7
F-8
F-9
F-10
1/8" BALSA FILLER BLOCKS
F-6A
R-9
STAB INCIDENCE IS 0°
WING INCIDENCE IS 3° POSITIVE
RECESS 1/8" SQ STRINGER .50 1/4" DIAM FITS FLUSH
EXTEND 1/4" SIDE SKIN-3000 FLUSH TO F-8 AT F-6A
1/8" SQ DOUBLER
1/4" BALSA NOSE SKIN & LITE-PLY DOUBLER FOLLOW SAME CURVE
WH (WING MOUNT) IS FLUSH WITH OUTSIDE OF F-8
1/8" BALSA GUSSET
1/8" x 1/4" CAP ON LONGERON FROM F-8 TO TAILPOST - TAPER FROM F-8 BACK
(2) 1/4"-20 MACH BOLTS
CUT INSIDE OF WHEEL PANT SLANT TO CLEAR WHEEL - 3 1/4" SHOWN
LONGERONS - 1/8" SQ BALSA OR SPRUCE
DIAGONALS - 1/8" SQ HARD BALSA
1/4" LITE PLY NOSE DOUBLER
1/4" BALSA FILL AROUND STRINGER BUTT SIDES FOR CONTROL EXIT
.60-SIZE TAILWHEEL ASSY
1/8" PLY TRIANGEL MOUNT
MODEL BUILDER magazine
Plan No: 2.111-A
BOBCAT MARK 2
A "COULD-BE-SCALE" AEROBATIC AIRPLANE
ENGINE: .60-.90 4-STROKE
SPAN: 72" AREA: 865.50 IN²
PROTOTYPE WEIGHT: 7¼ LB
DESIGNED & DRAWN BY: ROBERT A. SCHUTZER


MODEL BUILDER