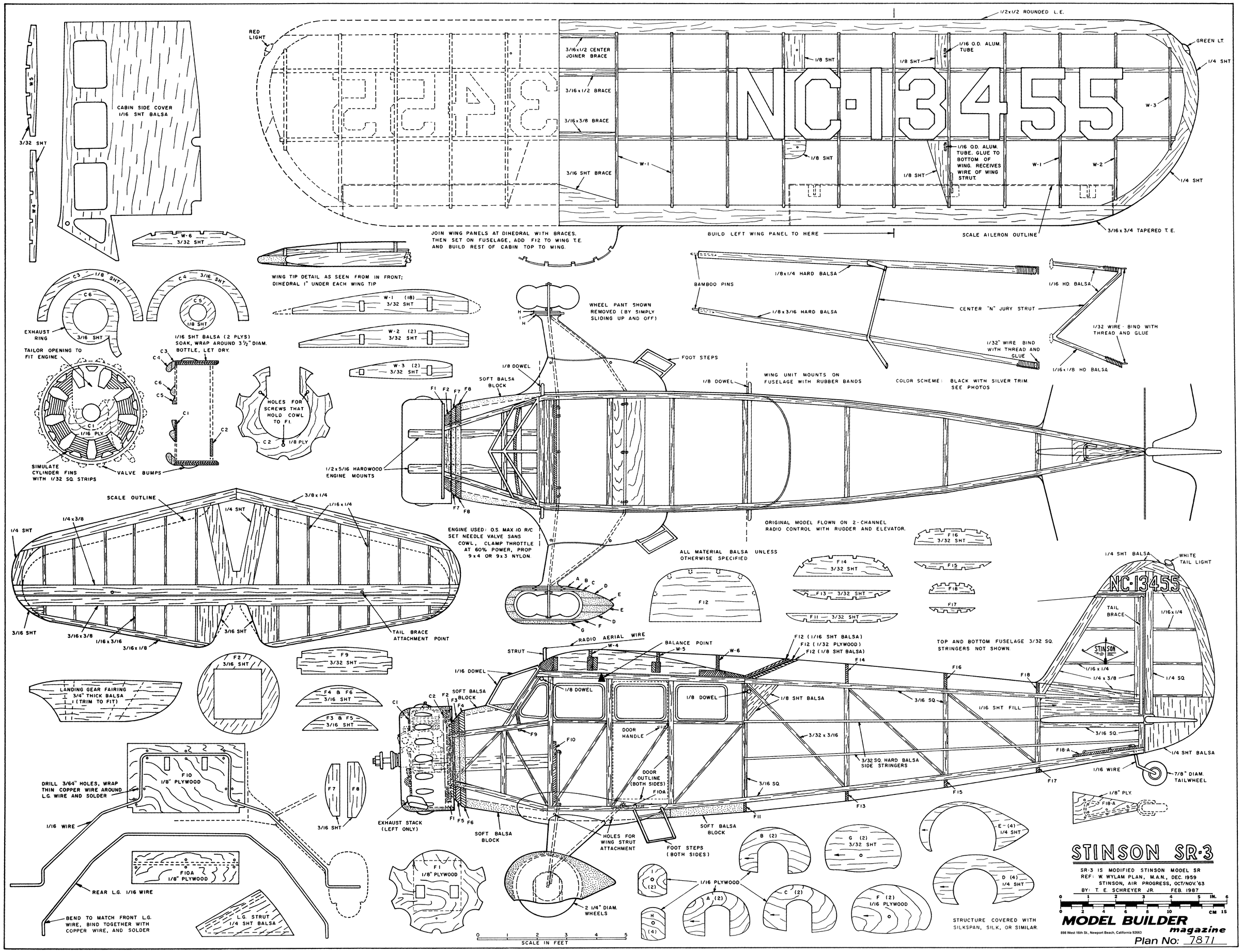
FULL-SIZE PLAN AVAILABLE—SEE PAGE 106
CABIN SIDE COVER 1/16 SHT BALSA
W-5
W-4
3/32 SHT
W-6 3/32 SHT
RED LIGHT
GREEN LT.
1/2x1/2 ROUNDED L.E.
3/16x1/2 CENTER JOINER BRACE
3/16x1/2 BRACE
3/16x3/8 BRACE
3/16 SHT BRACE
1/8 SHT
1/16 O.D. ALUM. TUBE
1/16 O.D. ALUM. TUBE. GLUE TO BOTTOM OF WING. RECEIVES WIRE OF WING STRUT.
W-1
W-2
W-3
1/4 SHT
3/16x3/4 TAPERED T.E.
NC-13455
JOIN WING PANELS AT DIHEDRAL WITH BRACES. THEN SET ON FUSELAGE, ADD F12 TO WING T.E. AND BUILD REST OF CABIN TOP TO WING.
BUILD LEFT WING PANEL TO HERE
SCALE AILERON OUTLINE
WING TIP DETAIL AS SEEN FROM IN FRONT; DIHEDRAL 1" UNDER EACH WING TIP
C3 1/8 SHT
C4 3/16 SHT
C6
C5 1/8 SHT
EXHAUST RING
3/16 SHT
1/16 SHT BALSA (2 PLYS) SOAK, WRAP AROUND 3½" DIAM. BOTTLE, LET DRY.
TAILOR OPENING TO FIT ENGINE
C1 1/16 PLY
SIMULATE CYLINDER FINS WITH 1/32 SQ. STRIPS
VALVE BUMPS
C1
C2
HOLES FOR SCREWS THAT HOLD COWL TO F1.
C2 1/8 PLY
W-1 (18) 3/32 SHT
W-2 (2) 3/32 SHT
W-3 (2) 3/32 SHT
WHEEL PANT SHOWN REMOVED (BY SIMPLY SLIDING UP AND OFF)
BAMBOO PINS
1/8x1/4 HARD BALSA
1/8x3/16 HARD BALSA
CENTER "N" JURY STRUT
1/16 HD. BALSA
1/32 WIRE - BIND WITH THREAD AND GLUE
1/32" WIRE BIND WITH THREAD AND GLUE
1/16x1/8 HD BALSA
FOOT STEPS
1/8 DOWEL
SOFT BALSA BLOCK
F1 F2 F7 F8
1/2x5/16 HARDWOOD ENGINE MOUNTS
WING UNIT MOUNTS ON FUSELAGE WITH RUBBER BANDS
COLOR SCHEME: BLACK WITH SILVER TRIM. SEE PHOTOS
ENGINE USED: O.S. MAX 10 R/C SET NEEDLE VALVE SANS COWL, CLAMP THROTTLE AT 60% POWER, PROP 9x4 OR 9x3 NYLON.
ORIGINAL MODEL FLOWN ON 2-CHANNEL RADIO CONTROL WITH RUDDER AND ELEVATOR.
ALL MATERIAL BALSA UNLESS OTHERWISE SPECIFIED
SCALE OUTLINE
3/8x1/4
1/16x1/4
1/4 SHT
1/4x3/8
3/16 SHT
3/16x3/8
1/16x3/16
3/16x1/8
TAIL BRACE ATTACHMENT POINT
A B C D E F G
F12
F14 3/32 SHT
F13 3/32 SHT
F11 3/32 SHT
F16 3/32 SHT
F15
F18
F17
1/4 SHT BALSA
WHITE TAIL LIGHT
TAIL BRACE
1/16x1/4
STINSON
1/4 SQ.
1/4 SHT BALSA
1/16 WIRE
7/8" DIAM. TAILWHEEL
1/8" PLY.
F18-A
RADIO AERIAL WIRE
BALANCE POINT
STRUT
W-4
W-5
W-6
F12 (1/16 SHT BALSA)
F12 (1/32 PLYWOOD)
F12 (1/8 SHT BALSA)
TOP AND BOTTOM FUSELAGE 3/32 SQ. STRINGERS NOT SHOWN.
F14
F16
F18
1/16 DOWEL
1/8 DOWEL
1/8 SHT BALSA
3/16 SQ.
1/16 SHT FILL
3/32 x 3/16
3/32 SQ. HARD BALSA SIDE STRINGERS
DOOR HANDLE
DOOR OUTLINE (BOTH SIDES)
F10A
F9
F10
F11
F13
F15
F17
F18-A
LANDING GEAR FAIRING 3/4" THICK BALSA (TRIM TO FIT)
F2 3/16 SHT
F9 3/32 SHT
F4 & F6 3/16 SHT
F3 & F5 3/16 SHT
C1 C2 F2 F3 F4
SOFT BALSA BLOCK
F1 F5 F6
EXHAUST STACK (LEFT ONLY)
HOLES FOR WING STRUT ATTACHMENT
FOOT STEPS (BOTH SIDES)
DRILL 3/64" HOLES, WRAP THIN COPPER WIRE AROUND L.G. WIRE AND SOLDER
F10 1/8" PLYWOOD
1/16 WIRE
F7 F8
3/16 SHT
F10A 1/8" PLYWOOD
REAR L.G. 1/16 WIRE
BEND TO MATCH FRONT L.G. WIRE, BIND TOGETHER WITH COPPER WIRE, AND SOLDER
L.G. STRUT 1/4 SHT BALSA
F1 1/8" PLYWOOD
2 1/4" DIAM. WHEELS
0 1 2 3 4 5 SCALE IN FEET
B (2)
G (2) 3/32 SHT
E (4) 1/4 SHT
D (4) 1/4 SHT
1/16 PLYWOOD
I (2)
A (2)
C (2)
H (4)
F (2) 1/16 PLYWOOD
STRUCTURE COVERED WITH SILKSPAN, SILK, OR SIMILAR.
STINSON SR-3
SR-3 IS MODIFIED STINSON MODEL SR
REF: W. WYLAM PLAN, M.A.N., DEC. 1959
STINSON, AIR PROGRESS, OCT/NOV.'63
BY: T. E. SCHREYER JR. FEB. 1987
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0 2 4 6 8 10 CM 15
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