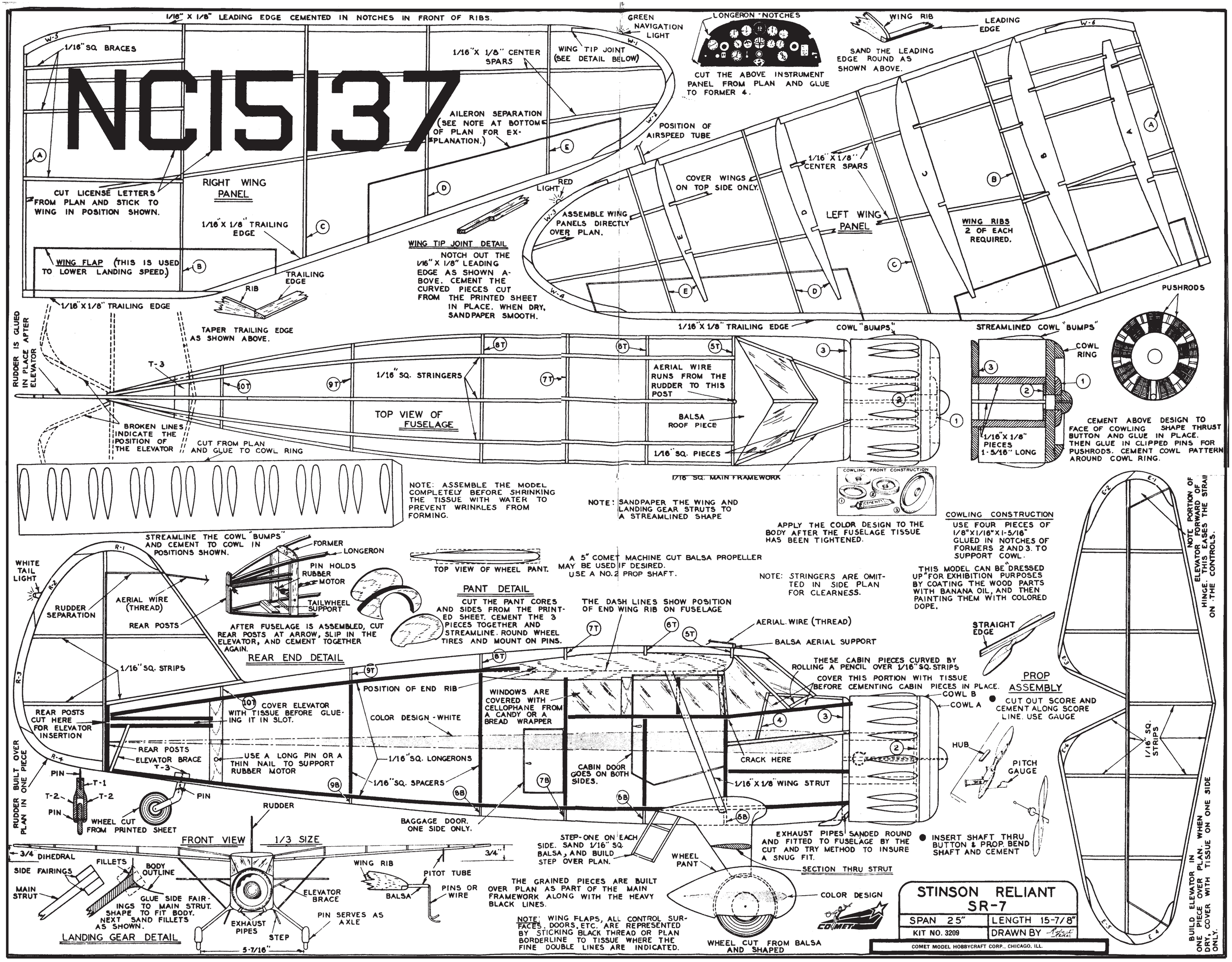
NC15137
1/16" X 1/8" LEADING EDGE CEMENTED IN NOTCHES IN FRONT OF RIBS.
1/16" SQ. BRACES
1/16" X 1/8" CENTER SPARS
WING TIP JOINT (SEE DETAIL BELOW)
GREEN NAVIGATION LIGHT
LONGERON NOTCHES
CUT THE ABOVE INSTRUMENT PANEL FROM PLAN AND GLUE TO FORMER 4.
WING RIB
LEADING EDGE
SAND THE LEADING EDGE ROUND AS SHOWN ABOVE.
AILERON SEPARATION (SEE NOTE AT BOTTOM OF PLAN FOR EXPLANATION.)
POSITION OF AIRSPEED TUBE
CUT LICENSE LETTERS FROM PLAN AND STICK TO WING IN POSITION SHOWN.
RIGHT WING PANEL
1/16" X 1/8" TRAILING EDGE
WING FLAP (THIS IS USED TO LOWER LANDING SPEED.)
RED LIGHT
ASSEMBLE WING PANELS DIRECTLY OVER PLAN.
WING TIP JOINT DETAIL
NOTCH OUT THE 1/16" X 1/8" LEADING EDGE AS SHOWN ABOVE. CEMENT THE CURVED PIECES CUT FROM THE PRINTED SHEET IN PLACE. WHEN DRY, SANDPAPER SMOOTH.
COVER WINGS ON TOP SIDE ONLY.
1/16" X 1/8" CENTER SPARS
LEFT WING PANEL
WING RIBS 2 OF EACH REQUIRED.
TRAILING EDGE
RIB
1/16" X 1/8" TRAILING EDGE
TAPER TRAILING EDGE AS SHOWN ABOVE.
RUDDER IS GLUED IN PLACE AFTER ELEVATOR
1/16" X 1/8" TRAILING EDGE
COWL "BUMPS"
STREAMLINED COWL "BUMPS"
PUSHRODS
COWL RING
1/16" SQ. STRINGERS
AERIAL WIRE RUNS FROM THE RUDDER TO THIS POST
TOP VIEW OF FUSELAGE
BALSA ROOF PIECE
1/16" SQ. PIECES
1/16" X 1/8" PIECES 1-5/16" LONG
CEMENT ABOVE DESIGN TO FACE OF COWLING SHAPE THRUST BUTTON AND GLUE IN PLACE. THEN GLUE IN CLIPPED PINS FOR PUSHRODS. CEMENT COWL PATTERN AROUND COWL RING.
BROKEN LINES INDICATE THE POSITION OF THE ELEVATOR
CUT FROM PLAN AND GLUE TO COWL RING
1/16" SQ. MAIN FRAMEWORK
COWLING FRONT CONSTRUCTION
CEMENT
NOTE: ASSEMBLE THE MODEL COMPLETELY BEFORE SHRINKING THE TISSUE WITH WATER TO PREVENT WRINKLES FROM FORMING.
NOTE: SANDPAPER THE WING AND LANDING GEAR STRUTS TO A STREAMLINED SHAPE
APPLY THE COLOR DESIGN TO THE BODY AFTER THE FUSELAGE TISSUE HAS BEEN TIGHTENED.
COWLING CONSTRUCTION
USE FOUR PIECES OF 1/8"X1/16"X1-5/16" GLUED IN NOTCHES OF FORMERS 2 AND 3. TO SUPPORT COWL.
NOTE PORTION OF ELEVATOR FORWARD OF HINGE. THIS EASES THE STRAIN ON THE CONTROLS.
STREAMLINE THE COWL "BUMPS" AND CEMENT TO COWL IN POSITIONS SHOWN.
FORMER
LONGERON
PIN HOLDS RUBBER MOTOR
TAILWHEEL SUPPORT
WHITE TAIL LIGHT
RUDDER SEPARATION
AERIAL WIRE (THREAD)
REAR POSTS
AFTER FUSELAGE IS ASSEMBLED, CUT REAR POSTS AT ARROW, SLIP IN THE ELEVATOR, AND CEMENT TOGETHER AGAIN.
REAR END DETAIL
TOP VIEW OF WHEEL PANT.
A 5" COMET MACHINE CUT BALSA PROPELLER MAY BE USED IF DESIRED. USE A NO. 2 PROP SHAFT.
PANT DETAIL
CUT THE PANT CORES AND SIDES FROM THE PRINTED SHEET. CEMENT THE 3 PIECES TOGETHER AND STREAMLINE. ROUND WHEEL TIRES AND MOUNT ON PINS.
NOTE: STRINGERS ARE OMITTED IN SIDE PLAN FOR CLEARNESS.
THIS MODEL CAN BE "DRESSED UP" FOR EXHIBITION PURPOSES BY COATING THE WOOD PARTS WITH BANANA OIL, AND THEN PAINTING THEM WITH COLORED DOPE.
THE DASH LINES SHOW POSITION OF END WING RIB ON FUSELAGE
AERIAL WIRE (THREAD)
BALSA AERIAL SUPPORT
STRAIGHT EDGE
1/16" SQ. STRIPS
THESE CABIN PIECES CURVED BY ROLLING A PENCIL OVER 1/16" SQ. STRIPS
COVER THIS PORTION WITH TISSUE BEFORE CEMENTING CABIN PIECES IN PLACE.
COWL B
COWL A
PROP ASSEMBLY
CUT OUT SCORE AND CEMENT ALONG SCORE LINE. USE GAUGE
POSITION OF END RIB
COVER ELEVATOR WITH TISSUE BEFORE GLUEING IT IN SLOT.
WINDOWS ARE COVERED WITH CELLOPHANE FROM A CANDY OR A BREAD WRAPPER
COLOR DESIGN - WHITE
REAR POSTS CUT HERE FOR ELEVATOR INSERTION
REAR POSTS
ELEVATOR BRACE
USE A LONG PIN OR A THIN NAIL TO SUPPORT RUBBER MOTOR
1/16" SQ. LONGERONS
1/16" SQ. SPACERS
CABIN DOOR GOES ON BOTH SIDES.
CRACK HERE
1/16" X 1/8" WING STRUT
HUB
PITCH GAUGE
RUDDER BUILT OVER PLAN IN ONE PIECE
PIN
T-1
T-2
WHEEL CUT FROM PRINTED SHEET
RUDDER
BAGGAGE DOOR. ONE SIDE ONLY.
STEP-ONE ON EACH SIDE. SAND 1/16" SQ. BALSA, AND BUILD STEP OVER PLAN.
EXHAUST PIPES SANDED ROUND AND FITTED TO FUSELAGE BY THE CUT AND TRY METHOD TO INSURE A SNUG FIT.
INSERT SHAFT THRU BUTTON & PROP. BEND SHAFT AND CEMENT
FRONT VIEW 1/3 SIZE
3/4" DIHEDRAL
FILLETS
BODY OUTLINE
SIDE FAIRINGS
MAIN STRUT
GLUE SIDE FAIRINGS TO MAIN STRUT. SHAPE TO FIT BODY. NEXT SAND FILLETS AS SHOWN.
LANDING GEAR DETAIL
EXHAUST PIPES
STEP
PIN SERVES AS AXLE
ELEVATOR BRACE
5-7/16"
WING RIB
BALSA
PITOT TUBE
PINS OR WIRE
THE GRAINED PIECES ARE BUILT OVER PLAN AS PART OF THE MAIN FRAMEWORK ALONG WITH THE HEAVY BLACK LINES.
NOTE: WING FLAPS, ALL CONTROL SURFACES, DOORS, ETC. ARE REPRESENTED BY STICKING BLACK THREAD OR PLAN BORDERLINE TO TISSUE WHERE THE FINE DOUBLE LINES ARE INDICATED.
WHEEL PANT
SECTION THRU STRUT
COLOR DESIGN
WHEEL CUT FROM BALSA AND SHAPED
BUILD ELEVATOR IN ONE PIECE OVER PLAN. WHEN DRY, COVER WITH TISSUE ON ONE SIDE ONLY.
STINSON RELIANT SR-7
SPAN 25"
LENGTH 15-7/8"
KIT NO. 3209
DRAWN BY
COMET MODEL HOBBYCRAFT CORP., CHICAGO, ILL.