

BILL BARNES-NEW EAGLET

FULL SIZE - 1/4" SCALE

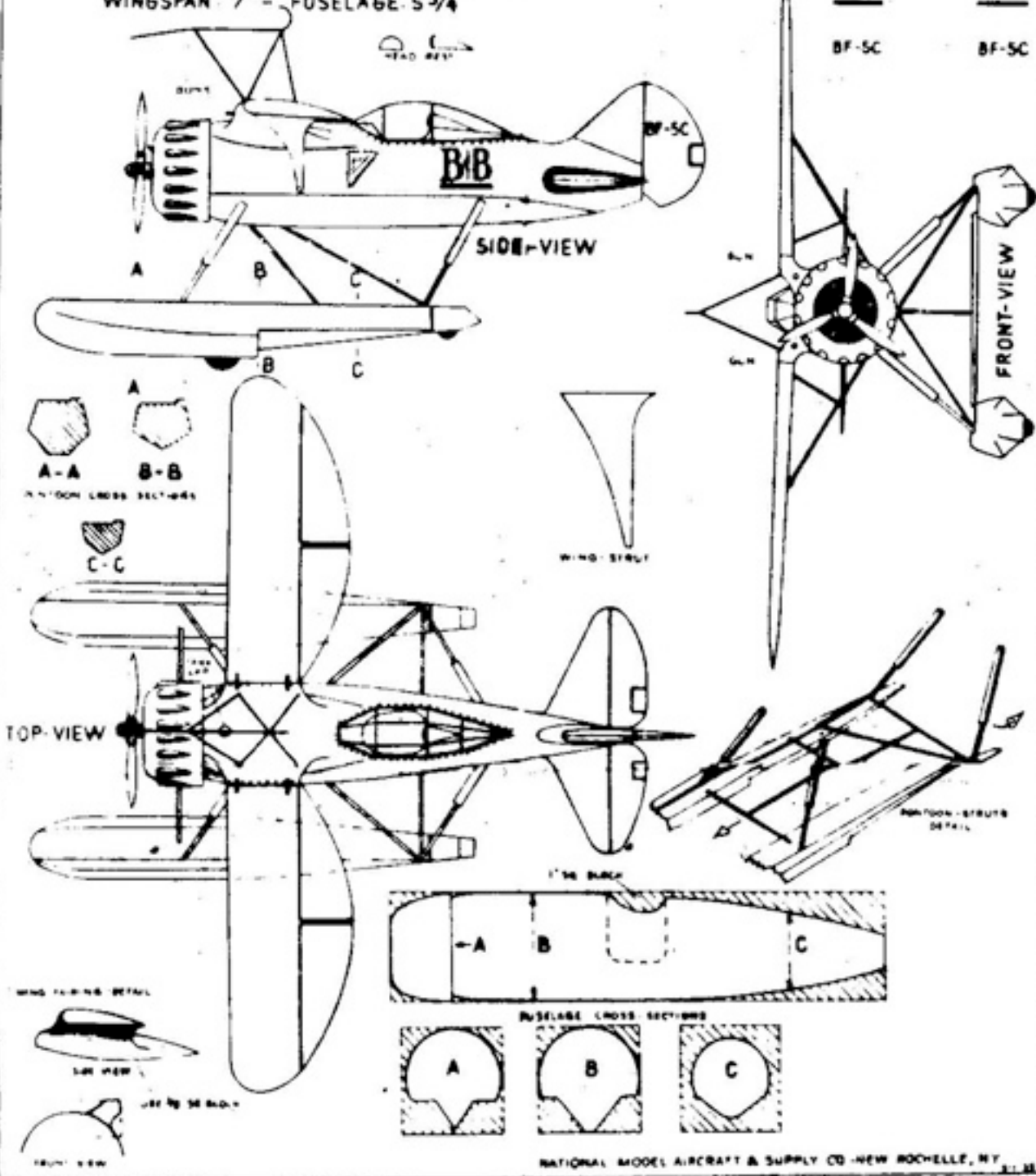
WINGSPAN: 7" - FUSELAGE: 5 3/4"

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NATIONAL MODEL AIRCRAFT & SUPPLY CO.-NEW ROCHELLE, N.Y.

A complete kit with full size 1/4" scale Plan and instructions to build a Scale Model of Bill Barnes' New Eaglet, piloted by Sandy in Bill Barnes' Thrilling Stories of the Air.

Study the plan carefully, then proceed with care and patience, and these simple directions will guide you.

FUSELAGE: Cut and sand from 1" sq. Balsa block. Full size side view and three cross sections (templates guide you to correct shape. Next, shape wing fairings from 3/8" sq. block. (See plan detail.) Cement to fuselage. Cut from strip of 1/16" sq. Balsa, 14 pieces 3/8" long. Cement and space evenly about and starting at top center. Sand to shape as shown. Make head rest from piece of Balsa to size and shape, and cement in place as shown.

POSTERS: Shape top from 5/8" x 3/4" blocks, to size as shown. Make side and top view and 3 cross sections. Head and rudder wheels are shaped and firmly held to posterns.

WINGS: Wing struts, rudder and tail surfaces cut from sheet Balsa as per printed outline. Tape wings by sanding. Leading edge round, 1/32" thick, tapering to 1/32" trailing edge. Sand rudder to 1/32" thickness and glue-layers to 1/32" thickness. Wing struts 1/32" thick, cement to fuselage and rear edge.

PROPELLER AND HANGER: Are made from shredded balsa with hanger held fast from wire. Run, as per drawing, from wire.

POSTERN STRUTS: Are made from Balsa, rounded to 1/16" with paper rolled around front and rear struts to form shock absorbers.

FINISHING: Sand all surfaces to a fine smooth finish. The better your sanding job, the better your paint job.

COLORS: Green and Blue Green with Black trim. Top of posterns, fairings and rudder Green. Bottom of posterns, wings and stabilizers Blue Green. Cockpit windows, hanger, wheels, gear and motor Black ink. Also black ink for outlining wing and tail flaps and landing window.

ASSEMBLY: Mount wings to fuselage and cement in wing struts. Mount rudder and tail surfaces to stern of fuselage. Attach posterns to fuselage with Balsa struts. Build up cockpit windows, gear hanger. Mount 3 bladed prop to motor with 1" pin.