

NEW! FLEET TRAINING PLANE



\$4.95

Complete
Postpaid

Scale 1 1/4 Inches. Span 35 Inches.
Length 26 Inches. Weight 8 oz.

CONTENTS:

ALL LIQUIDS including touch-up enamels in 3 colors. + PLANEFILM for covering - M & M AIR WHEELS. + BALL BEARING SHAFT-12 in. finished prop. 3-16. in. flat rubber. + ALUMINUM MOTOR TUBE-CUT-OUT CYLINDERS. + Shaped and Drilled Motor Block. Finished Ribs-Full Size Plans.

This plane is large enough and stressed to carry the smaller gasoline engines.

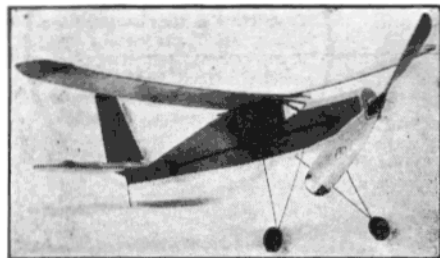
Not recommended for beginners.

SUPERIOR MODEL CO.

P. O. Box 1994

Tulsa, Oklahoma

READY-CUT RIBS



30" Endurance Senior 50c

Plus 10c Postage

A REAL CONTEST WINNER! Contains Cut-Out Ribs for wing and tail, Special Finished Prop., 18" feet of rubber. Best flight 1 hr. 15 min. before going out of sight.

These Models Guaranteed to Fly

DeLuxe Kit—Same as above plus extra rubber motor, clear dope, free wheeling, rubber lubricant and extra material. Postpaid \$1.00.

ADDRESS

FLI-RITE, P.O. Box 148, South Gate, Calif.
ASK FOR OUR NEW CATALOG. FREE WITH ORDER

You Too Can Win

SPECIAL BROWN CONTEST RUBBER

Used by all record breakers. The only rubber that holds every world's record. Special BROWN CONTEST RUBBER gives your model a chance, makes every model a potential winner!

It Costs No More—Use the Best!

Size	Sc	225'	30c
1/32-25'	Sc	225'	30c
3/64-18'	Sc	225'	35c
1/16-14'	Sc	225'	40c
5/64-12'	Sc	225'	50c
3/32-10'	Sc	225'	60c
7/64-8 1/2'	Sc	225'	70c
1/8-7 1/2'	Sc	225'	75c
9/64-6 1/2'	Sc	225'	80c
5/32-12'	10c	225'	90c
11/64-10'	10c	225'	\$1.00
3/16-10'	10c	225'	\$1.10
1/4-7'	10c	225'	\$1.25

All 1/30" Thick—Minimum Order 50c

DEALERS:—There's a great market for genuine SPECIAL BROWN CONTEST RUBBER. You can buy it in skeins or on spools. Write on letterhead.

MANUFACTURERS: We are national distributors of this product. It costs no more than inferior grades. Write us for quotations for the best. Our Low Price will surprise you. Use it in your kits.

MORE POWER TO YOU !!

Polk's Model Craft Hobbies, Inc.

429 Seventh Ave., Dept. M-4, New York

Imperial Airways. A couple of the planes on order will be used by Imperial for trans-Atlantic service.

If you wish to square-off the accompanying plans, making measuring easier, join the corresponding dots on the border with straight pencil lines. The plans may be photostated to any desired size at little extra cost.

The entire model is to be made from balsa wood which may be purchased from any supply company advertising in this magazine. Wheels and other incidentals may also be purchased if desired.

Make the long, slim fuselage of the plane first. Draw the outline of the top view on stock with the grain of the wood running lengthwise and cut with saw. Go over the sides with coarse sandpaper and then draw the side view in correct position. Again cut and sandpaper. Then using a razor blade shape out the contour of the fuselage as shown by the cross-sections, starting in the middle and working out towards the ends. Next sand down the surfaces with coarse and fine sandpaper.

The wing is to be made in two parts, the left and right wing panels with the engine nacelles made separately. Draw the plan view of the pieces on stock and

cut to shape. With a sharp, flat chisel taper the wing panels down as shown in front view. Be careful and accurate. When that is completed finish the shaping of the wing as shown by the airfoil sections and apply the usual sandpapering.

The tail surfaces are very easily made from sheet balsa, using a razor blade for cutting. The four engine nacelles are made in the same manner as the fuselage. They are to be made to fit in grooves cut into the leading edge of the wing.

Then make the spinners to fit these nacelles and the two blades for each propeller.

The next step is the assembly of the model. Lay the fuselage in flying position on a flat surface and join the wing panels. All connections are to be made with quick drying model cement. Put blocks under the wing tips to hold the correct dihedral. When joints have dried put the tail units on the fuselage one by one. While they are drying the nacelles may be put on and the prop blades cemented to the spinners. Straight pins inserted through the spinners may be used as propeller shafts.

When all these things have been accomplished and all connections have dried thoroughly lay the model on its back and build up the landing gear. The forks and axles may be made from a thick gaged wire and joined to the shock struts cut from balsa wood. Shape out two gear fairings and cement in place with a goodly supply of model cement. Connect the tail wheel with wire fork and shaft and then go over all joints once more with model cement.

Sandpaper the model thoroughly. Brush off all dust to begin the paint job. The color scheme is optional. Many costs will have to be applied to fill up the paws in the wood. After several coats have been applied the model will then be completed.

A Motor With Wings

(Continued from page 11)

Wright's latest creation: the CW-21, depicted in a slashing battle pose this month by our cover artist.

By its very nature this ship necessarily had to be fast climbing, but in addition it had to pack a murderous wallop, the ability to dispose of attacking enemy craft with promptness and thoroughness. Tactically, the safest flight altitude for a squadron of

"POLK'S PIONEER" LAUNCHES A NEW DAY FOR ENDURANCE MODELS

Amazingly Easy to Build
Note these exclusive features

★ A new type, scientifically designed, super streamlined monocoque elliptical balsa fuselage ★ Positive mechanical shock-absorbing landing gear ★ Sturdy stressed nose ★ High thrust line ★ Fool-proof motor front and rear hooks—no "a" hooks! ★ Ready cut 14" prop ★ New type fool-proof free wheeling ★ Adjustable wing and rudder ★ Safety wing mount ★ Cap stripped ribs ★ Sheet balsa stressed elliptical wing ★ Colored tissue ★ Berry-loid liquids ★ Simplified construction throughout. Meets N.A.A. Rules.

POLK'S PIONEER
Wingspan 35" Length 30"
The Model of Tomorrow—Build It Today. Only **\$1.50** post paid

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Designed by Louis Garami—famed model expert