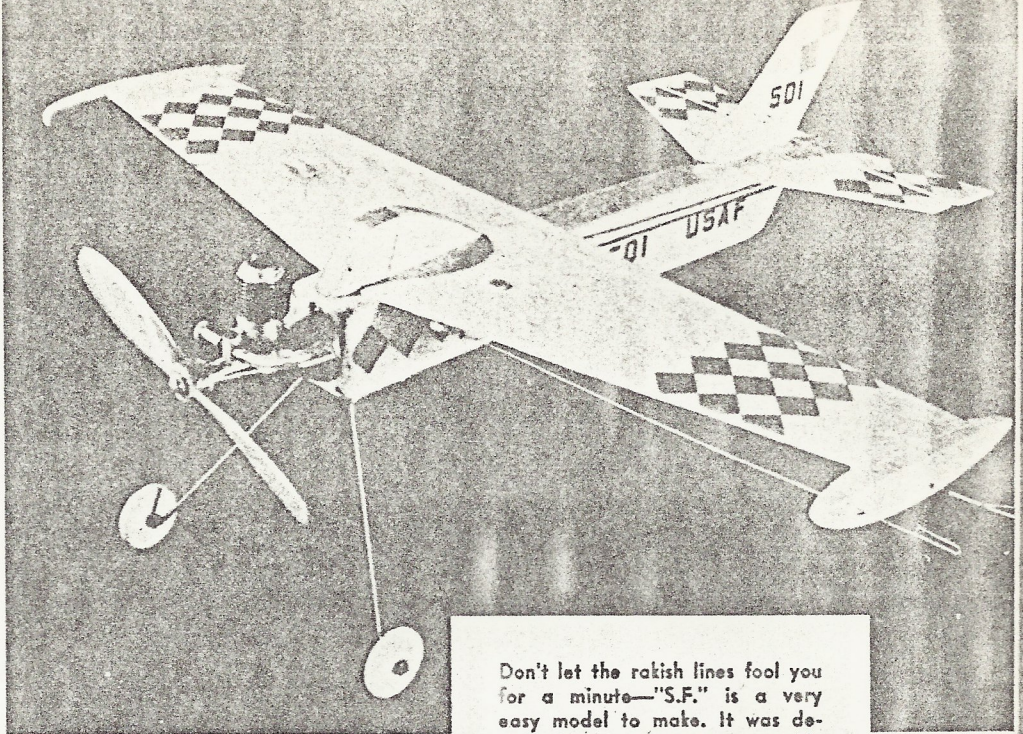


Simple Flyman

Next logical step beyond profiles is this transitional trainer

By AUBREY "RED" KOCHMAN



Don't let the rakish lines fool you for a minute—"S.F." is a very easy model to make. It was designed to be inexpensive, stable and sharp looking. Use 30-ft. lines of Nylon thread or .010 wire to fly.

■ S.F., designed primarily for the novice builder, is not necessarily for the novice flyer. Does that sound peculiar? Well, we're thinking of those chaps who have been busy assembling and flying profile training models from prefabricated kits. If you fit into this class, a model like the Flyman is an excellent transitional trainer to the built-up fuselage jobs. It is both simple and inexpensive and may be used as a basis for any number of modifications for the young designer.

Simple Flyman should be considered a "sport" model; although capable of looping, inverted flying should not be attempted due to fuel tank limitations.

Begin construction with the fuselage by cutting a $1\frac{1}{2}$ " sq. from $\frac{1}{8}$ " plywood to form the firewall and a piece of balsa $3/16$ " x $7/16$ " x $1\frac{1}{2}$ " for the tail block. Taper the sides of these two pieces very slightly as shown in the top view. Cut the fuselage sides to shape from $3/32$ " quarter-grained sheet. Note that one is shorter. Cement the firewall and tail block in place between the two side sheets and add the $3/16$ " sheet landing gear reinforcement piece.

Add the top and bottom sheets. They may be cut slightly oversize and sanded flush with the sides after the cement has dried thoroughly. Round off their corners except where the wing and stabilizer join the fuselage. Reinforce the nose by cementing cloth strips from top to bottom and side to side across the face of the plywood firewall. This step is important and should not be omitted.

Cut the stabilizer parts to outline shape and hinge together with cloth

strips. Cement the control horn in place and reinforce with a strip of cloth. Cement the stabilizer in position on the fuselage. Cut out and cement the rudder in place.

The wing is cut from medium soft $3/16$ " sheet and sanded to airfoil shape shown on the side view. Carve and sand the tip tanks from soft $3/4$ " sq. balsa blocks and cement them to the wing tips. Cement the wing in place.

Bend the $1/16$ " dia. landing gear wire to shape and cement in place.

