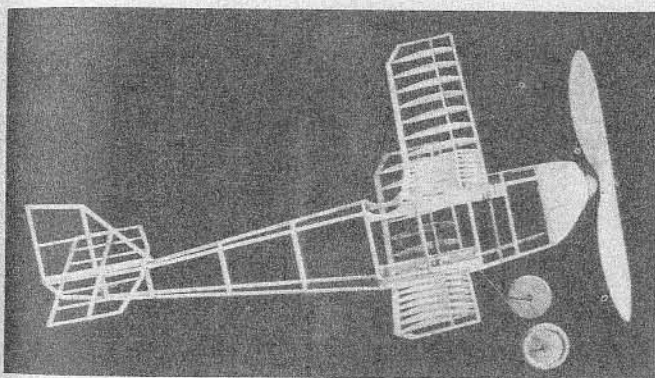
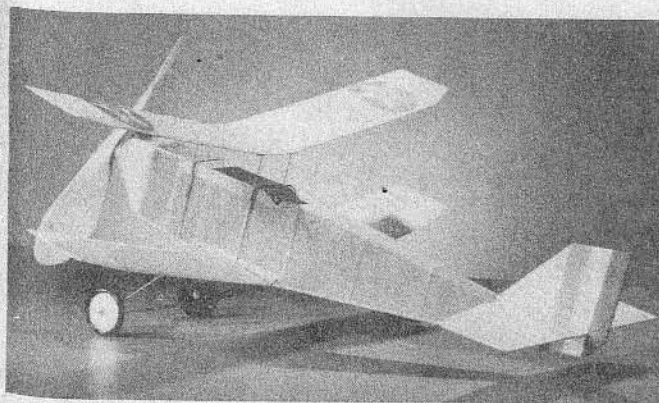


Ruggedly built, featuring demountable wings—top wing can be moved for adjustment—this cute biplane will last almost indefinitely. Prop free-wheels.



One skeleton that won't stay in a closet! Old saying that covering hides a multitude of sins isn't true here. Can be built on a bread board.

This is one of those rare airplanes, well designed, easy to make and fly, that appeals to experts and beginners alike.



Colored paper over the nose block, prop doped to shine, painted wheels, insignia and strips from colored tissues are well worth while touches.

SURE FLIER



by SHERMAN GILLESPIE

► The *Sure Flier* is a simple, easy-to-build biplane designed to give maximum in rubber-power flying pleasure with a minimum of construction and adjustment difficulties. Ruggedly built and featuring detachable wings, this little model will prove a long-lived addition to your string of ships. Before beginning work, study plans, photos and construction notes carefully.

Sand all balsa wood before laying out any parts.

The fuselage is of the orthodox box-type; build two sides of $3/32$ " square hard balsa. Pin longerons in place first, then lay lower wing receiver pieces and cockpit forming pieces in place; add cross members. Cut all pieces accurately and cement thoroughly; excess cement can be trimmed away before assembling the two sides. Cement $1/16$ " sheet filler pieces in place, making sure they are flush with outside edges of upper longerons, thus assuring good fitting of upper wing mounts.

Assemble two fuselage sides over top view and add cross pieces. It may be necessary to crack longeron joints slightly to make the bend behind the cockpit. Pin and block fuselage as firmly as possible during assembly because square construction is essential to accurate alignment of wings and tail surfaces.

Rough carve nose section from a medium hard balsa block and drill it to receive removable hardwood nose plug. Hollow out block as indicated and cement (Continued on page 44)

Full size plans for *Sure Flier* will be found on following two pages.