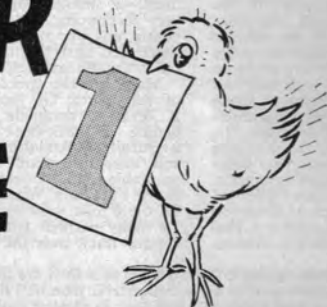
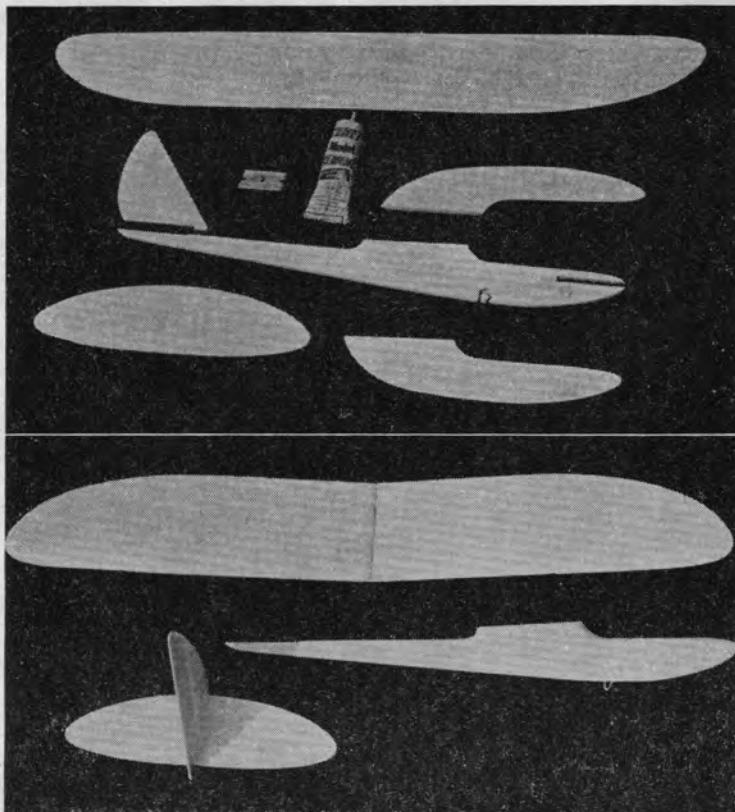


Starting this month we embark on a new series which has been specially written for the novice aeromodeller

BEGINNER COURSE



Launched with a simple all-balsa chuck or catapult glider **WHIZLER** designed by **KEITH LAUMER**



Component parts of WHIZLER at left emphasise the simplicity of Keith Laumer's specially-created design to launch this new series for the novice aeromodeller. Fuselage side doublers add considerable strength and leave an open slot in the nose for trimming weight to be enclosed, and finally blocked in with a piece of balsa. Razor blade, cement and sandpaper are the only accessories one needs to make this fine 24-inch span flyer

At left we see the basic components have been assembled, with the nose doublers sandwiching the catapult hook in place, the fin mounted squarely over the tailplane centre line and the wing panels cracked and reinforced with cement and a strip of gauze to hold the dihedral angle. Finally the wing and tailplane are added to the fuselage at their respective seating positions

At right is a quarter-scale reproduction of the Whizler plan which enables any modeller to scale up the full-size parts. All dimensions necessary to enlargement are quoted and squares represent $\frac{1}{4}$ -inch at the curved tips. For the convenience of those who would rather work from actual size plans, we can supply Plan G 791 for Whizler, price 2/6 plus 6d. post and packing from AEROMODELLER PLANS SERVICE at the Editorial Offices



Keith Laumer's original was decorated with the name in transfers over colour-doped panels on the wings and the result is most pleasing as seen in these two views. If you're looking for something guaranteed to give flying satisfaction why not start now on Keith's Beginner Course and follow through next month with the rubber powered Flutterbus?

fit), and use sandpaper to shape to the cross-sections shown on plan.

Sand the wing to the airfoil shape shown on the side view of the fuselage and round the tips, then finish—sand with fine sandpaper. Cut a groove on the centreline, and crack the wing to the proper dihedral angle. Cement the joint and add a strip of gauze bandage reinforcement.

Round the edges of the rudder and elevator with fine sandpaper; cut the tab free from the rudder and reinstall with soft copper wire hinges.

Now give all the parts a coat of clear dope and another light sanding. Then cut a slight valley in the wing mount and cement the wing in position, holding it with straight pins until dry, then add the tailplane and rudder.

When the cement has dried thoroughly, give the entire model another check for rough spots and finish with a final coat of clear dope. If you wish, a coat of colour dope can be used to brighten things up. Add any transfers you happen to have lying around and you're ready for flight-testing.

Make your first test glides by tossing the model forward with a smooth motion as though throwing a light spear. Add weight as needed to trim. When you have achieved a long, flat, fast glide, set the rudder tab to establish a slight turn, and cement it. Now you can try a harder launch—or a catapult—and *Whizler* will show you what she can do.

