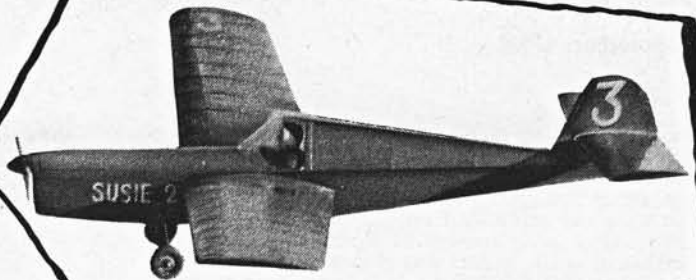


44 inch
mid-wing
sportster

Susie

for .75 - 1 c.c.
by D. Baker



THIS DESIGN STEMS from a suggestion that sport models were becoming rather stereotyped and it was about time that something different was created to produce a new look. The outcome is a mid-wing model of racer appearance and one which combines simple construction with sufficient robustness to withstand many a prang. The solid sheet basic sides blend into an attractive fuselage cross-section and the wing panels are mounted on two small stubs with rubber band retainers to offer knock-off qualities as well as enabling the model to be packed away into a relatively small container for transport to the field.

Construction should begin with the most difficult of the components, the 3/32nd ply wing tongue which is cut out by fretsaw, bent to the dihedral angle as indicated on F5 and bound with gauze at the joint for additional strength. The parts cut away for the tongue box ends and sides are faced with 1/16 in. ply and fitted into the two root ribs. Proceed with the wing by pinning down the lower mainspar, shaped leading and trailing edges, then adding the ribs before fitting the upper mainspar. Areas

to be sheeted and the lower rear spar are completed after lifting from the building board.

For the fuselage, one should start with the undercarriage which is bound to F3 and then the front formers are made into an assembly with the engine bearers at suitable spacing to suit your power unit. Note the amount of sidethrust which is advised and then fit the fuselage sides at the correct angle with the thrustline neutral to be upper fuselage edge. Bring the sides together at the tail, add the remaining formers and the wing tongue, the tail pylon and platform and complete the top and bottom fairing. The nose cowl is made up from soft block but be sure to make a drain hole. Tailplane and fin are quite conventional and the whole model should be sanded down with sheet areas given a coat of sealer prior to covering. Add the canopy or cockpit screen after doping, apply your own decoration scheme, fit the wheels and you are ready for business.

The original used heavyweight tissue with three coats of dope and came out at only 16-oz. for the 280 sq. in. of wing which gives it a reasonable loading and sparkling performance.

Why not get out of the rut and try this mid-wing Sportster for your next model?

FULL SIZE COPIES OF THIS 1/7th SCALE REPRODUCTION ARE AVAILABLE AS PLAN PET 737 PRICE 5/6d. Inc. Post. FROM AEROMODELLER PLANS SERVICE

