



Controlled model

## ELECTRA

DESIGNED BY  
VIC SMEEDFOR  
2.5 c.c. MOTORS

With radio and batteries installed the final weight should be 47-48 ozs., and the model should balance on the rear spar or fractionally behind it. Glide test on a slight slope—in calm air it is necessary to run and launch the model hard, ensuring that the nose points down. Provided the glide is reasonable, power flights can follow two hand-glides, and should use the radio. Straight flight under power and on the glide is desirable, and a small amount of right sidethrust should be built in. Run the motor and check the radio, then launch as before. Do not key the transmitter until a safe height has been reached, and then do not hold a turn on for more than 90°. Generally, "Electra" should lose height to the right and gain to the left, although a prolonged turn will eventually lose height either way. The main thing is to avoid the feeling that you *have* to control the model—if built reasonably accurately and somewhere near trim it will be quite happy flying along without you panicking. The amount of rudder shown on the plan is adequate for control but not too much to get you in trouble; it can be increased as your experience grows. Twice the amount shown produces quite a sharp turn and is as much as would ever be needed. Remember, neutralising is enough to stop any normal turn, but if you have let a spiral dive build up, opposite rudder will stop it; leave yourself plenty of height and you have nothing to worry about.

Full size plans for *Electra* are available price 5/- post free from the Aeromodeller Plans Service.

