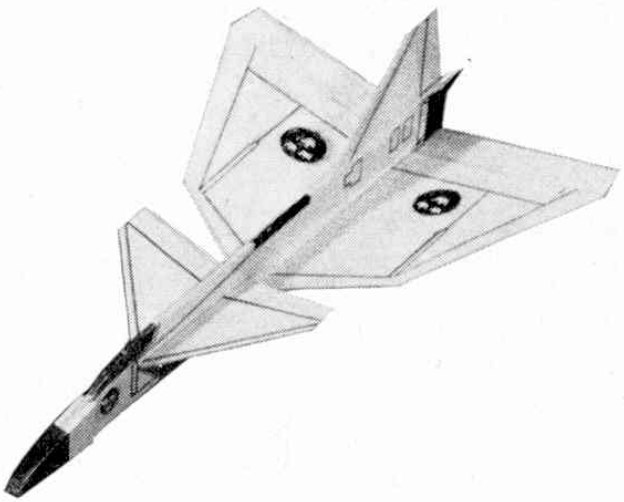
Full size plans for a simple sheet balsa midget glider, designed by Ray Malmstrom

WITH THE production of the SAAB AJ37 Viggen, Sweden can claim to possess one of the most formidable combat aeroplanes in the World. The Viggen is a double-delta canard type aircraft, that is to say the main wing, roughly triangular in shape is at the rear end of the fuselage and the smaller triangular stabilising wing is at the front. This unconventional arrangement together with its extremely powerful RM8 jet engine, gives it very short take-offs and landings, very high supersonic speeds, and a climb to 36,000 ft. in 2 minutes ! Our small model of this top-line combat aeroplane is extremely quick and simple to construct. The plan contains all of the parts full size with assembly sketches and instructions. From a sheet of $\frac{1}{32}$ and $\frac{3}{16}$ balsa you could build several Viggens for yourself and your friends. Carefully cement the elevators to the rear of the mainwing and set at the angle shown. A tiny piece of lead or folded used cement tube is pushed into the noseweight recess until the model hangs level when suspended by cotton and a pin pushed into the balance point. Gently bend the elevators up or down until your Viggen gives a long shallow glide. Happy gliding to you.



This photograph shows how simple this inexpensive, all sheet balsa wood model is to make. Use a ball pen for marking.