



The model looks just as neat and efficient as its flight proves it to be. Note offset trim tab to rudder.

Semi-Scale Power Model. By Schiffermuller, France.

DESCRIPTION.—This delightful little semi-scale model was first demonstrated to us in 1946, fitted with an own design spark ignition engine of under 1 c.c., featuring magneto ignition. The production of many under 1 c.c. diesels brings it within the reach of anyone who has ever built a successful model. Both R.O.G. and hand-launch it proved very stable and most realistic in flight. Tail and fin are simple sheet balsa construction, while mainplane is normal sheeted leading edge. Fuselage, in the original, was monocoque balsa construction, but there is no reason why it should not be built as a slab-sided with turtle back. Wings are fixed in place permanently, and, as is usual with low wings, have fairly large dihedral. Wheels come well forward and protect the engine and prop from landing damage. Mr. Schiffermuller had fitted a very ingenious auxiliary fuel tank, which was fed from the main supply. When he was ready for a flight a stopcock cut off the main tank leaving exactly twenty seconds' running time in the sub-tank, thus saving the weight of a timer, and enabling quite a number of flights to be made without refilling.

DIMENSIONS.—Span 29 ins. Chord $5\frac{1}{2}$ ins. Length $19\frac{1}{2}$ ins. Tailspan 10 ins. Mainplane airfoil section Gottingen 436. 5° down-thrust to engine. No sidethrust, but trim tab on fin adjusted to counteract. Tailplane at 0° incidence. Mainplane 2° positive.



Cowling removed to show engine installation and fuel tank.

