



Peres III. Biplane Pod and Boom Glider by Ing. F. Piatelli.

DESCRPTION.—This design from the Tel Aviv Experimental Centre for Aeromodelling and Low Speed Aerodynamics, inspired by Ing. Fidia Piatelli, well-known Italian aeromodeller now in charge there, offers the seeker after the unusual a truly interesting prototype. Built mainly of hardwood and hardwood veneer in the original, it should lend itself even more simply to standard balsa construction. Basically, it is a biplane of negative stagger, and over 2 : 1 gap, with small pod and boom extending from the upper wing, and main pod of streamline shape attached to the lower wing. Favourite Italian device of anti-lifting tail section (that is, with conventional lifting section upside down) as used in many of their flying boat and seaplane designs is the main feature of twin finned tail. No tow hook positions are indicated, but should lie approximately 3in. back from nose of pod. Covering is of tissue, including sheet covered boom.

DIMENSIONS : Span $39\frac{1}{2}$ ins. Length, $27\frac{3}{4}$ ins. Wing area approx., 350 sq. ins. Mainplane chord, $5\frac{1}{8}$ ins. Tailplane span, 12ins., chord 4ins. Area, 48 sq. ins.



