



—by Bob Howie

ONE OF AUSTRALIA'S most successful A/2 designs, Southern Sue, is the result of nearly seven years of development by Bob Howie, who leads the 1957 Australian A/2 Team. An article in the January AEROMODELLER for 1950 inspired Bob to build an A/2, and the original model won the Australian National Championships in December of that year, and a rebuilt version won two club events in 1951. Modifications were applied according to the trends appearing in AEROMODELLER, another club event was won in 1953 and the first major success came in December, 1954 Nationals, when a virtually untried model employing a drooped trailing edge section, returned two maximums (three minutes) before a faulty dethermaliser caused a fly-away, eventually landing seven miles away and being retrieved two days later. The South Australian Champs., 1955, saw a second place with another fly-away on the fifth flight and the following year the wing joint in the centre section was altered from tongue and box to dowels in tubes, and the model sent to Brisbane for the 1955 Australian Nationals. Unfortunately, the model arrived too late after its 1,800 miles trip for the event. However, the 1956 South Australian Championships was the scene of another first place with a three-flight aggregate of 557 secs., and latest success came at the 1957 Australian Nationals, reported last month, where Bob topped the A/2 Class and came second to his old adversary Russell Hammond in the open F.A.I. Class.

With such a contest record no one can deny that Southern Sue combines the many attributes of designs that have already appeared in AEROMODELLER and are included in Aeromodeller Plans Service. One can see the *Quickie* and *Seraph* influence coupled with the designer's own particular whims. Its lightweight airframe, which can be made to weigh no more than 9½ ounces, calls for up to 5 ounces of ballast to bring it to the correct F.A.I. wing loading. Being simple in structure, no full-size plan is required and all of the details given on this drawing enable one to make the model without undue difficulty. All you need to do is to lay out the wing full-size, to the dimensions quoted, and apply the structure, full size parts for which are given in each case.

If you want a model that you can make quickly and that will provide minimum of flight trimming difficulties, Southern Sue should be your choice.

# Build Australia's top A/2 glider SOUTHERN SUE

Full size parts and dimensioned drawings are all you need for this successful model design

