

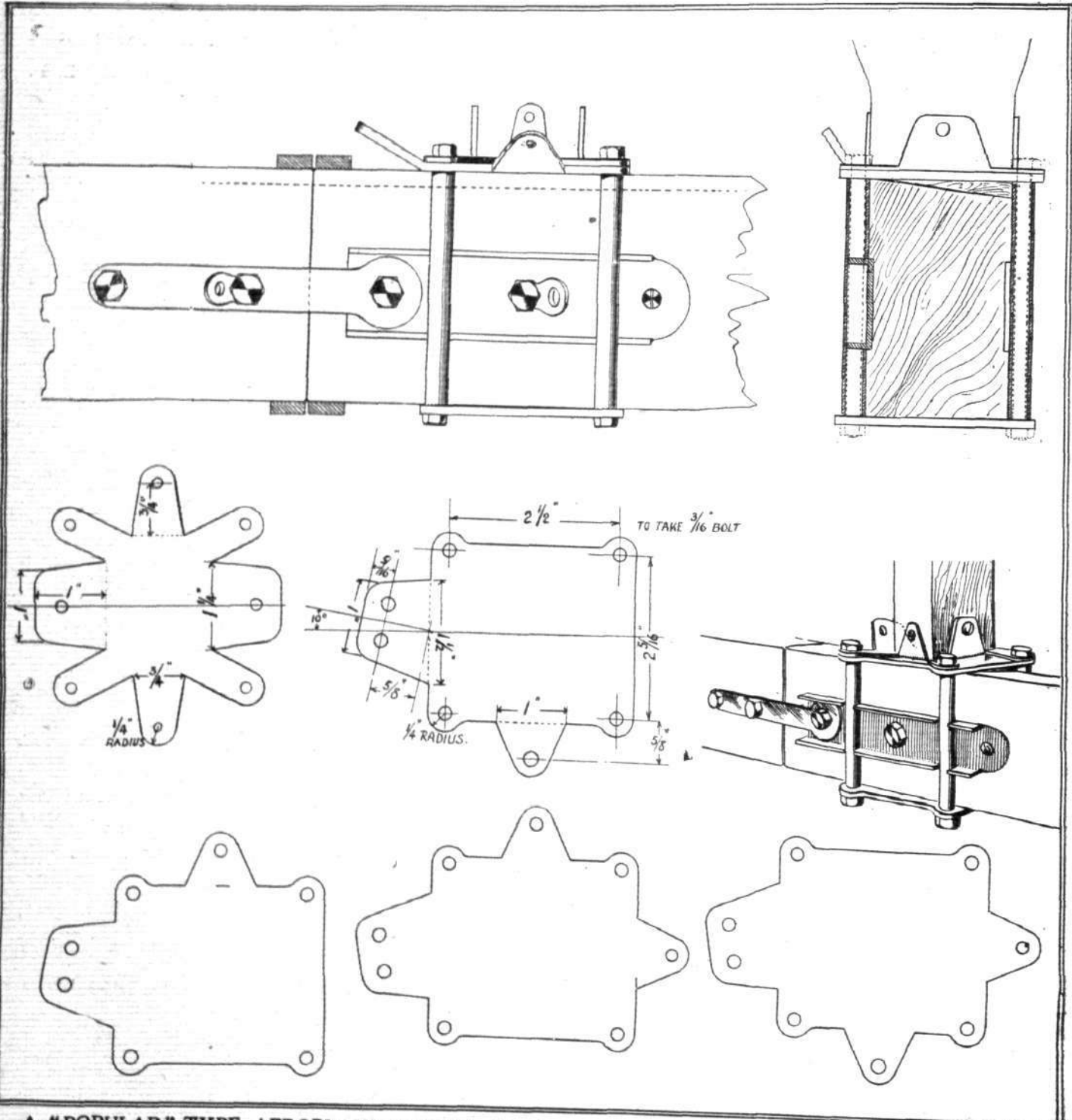
**A "POPULAR" TYPE AEROPLANE DESIGN.**

By C. M. POULSEN.

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OWING to the staggering of the wings the struts that run from the body to the under side of the top plane will be attached to a different set of formers from those supporting the struts which run from the body to the spars of the lower plane. The method of attachment, however, will be similar in both cases, with the exception, of course, that one set of struts project upwards and the other downwards. On account of this similarity the illustration reproduced in the right-hand top corner of page 157 of our last issue is not reproduced again this week. By turning the illustration in question upside down and imagining

the spar raised to the level of the top plane—the struts being, of course, lengthened accordingly and no connection made between the top *longeron* and the centre of the spar—an idea may be formed of the attachment to the former of the struts supporting the centre section of the top plane. The accompanying detail sketch shows the various clips at the point where the strut leaves the body. Immediately underneath the head, or nut as the case may be, of the bolt passing through strut and former is a chain link for the bracing wire of the body. Under that is another chain link whence a wire runs to the top of the



A "POPULAR" TYPE AEROPLANE DESIGN.—Drawings of some of the wiring plates and other spar fittings.