



The Design of Aeroplanes (Classic Reprint) (Paperback)

By Arthur W Judge

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Design of Aeroplanes The object of the present volume is to endeavour to fulfil the needs of students, draughtsmen, and others, for an inexpensive book of an elementary nature, dealing with the fundamental principles underlying the design and, to a certain extent, the construction of aeroplanes. The subject of aeroplane design is essentially one involving a thorough knowledge of mathematics and mechanics, combined with a practical knowledge of the existing conditions to be fulfilled, and a firm acquaintance with the results of aerodynamical research. To the student approaching the subject for the first time much difficulty is presented, owing to the widely scattered sources of information, and to the specialized and often difficult nature of the information when obtained. It is therefore hoped that the present book will prove helpful in placing before the reader, in a more or less intelligible form, the general principles underlying aeroplane design, and in serving as a breach or introduction to more advanced treatises. The general scheme of the book, which is based upon the author's larger...



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