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# Airplane Design Parts I Through VIII (v. 1-8)



## Synopsis

Airplane Design I - VIII has been internationally acknowledged as a practical reference that covers the art and science of the entire airplane design and development process. Educators and industry practitioners across the globe rely on this compilation as both a textbook and a key reference. Set Includes Airplane Design: Part I: Preliminary Sizing of Airplanes Part II: Preliminary Configuration Design and Integration of the Propulsion System Part III: Layout Design of Cockpit, Fuselage, Wing and Empennage: Cutaways and Inboard Profiles Part IV: Layout Design of Landing Gear and Systems Part V: Component Weight Estimation Part VI: Preliminary Calculation of Aerodynamic, Thrust and Power Characteristics Part VII: Determination of Stability, Control and Performance Characteristics Part VIII: Airplane Cost Estimation: Design, Development, Manufacturing and Operating

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Thrust and Power Characteristics Part VII: Determination of Stability, Control and Performance Characteristics Part VIII: Airplane Cost Estimation: Design, Development, Manufacturing and Operating

An invaluable encyclopedia of historical aircraft data, design equations and techniques. Useful reference for anyone involved in aircraft design however the lack of a comprehensive index and readability makes this a poor series for those unfamiliar with design techniques. A great compliment to Dan Roskam's design text which is much easier to read but lacks some of the hard data contained in this series.

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