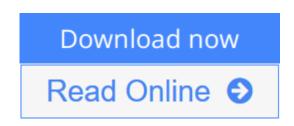
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### Airplane Design, Part II : Preliminary Configuration Design and Integration of the Propulsion System

By Jan Roskam, J. Roskam



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Airplane Design Part II: Preliminary Configuration Design and Integration of the Propulsion System is the second book in a series of eight volumes on airplane design. The airplane design series has been internationally acclaimed as a practical reference that covers the methodology and decision making involved in the process of designing airplanes. Educators and industry practitioners across the globe rely on this compilation as both a textbook and a key reference. Airplane Design Part II: Preliminary Configuration Design and Integration of the Propulsion System familiarizes the reader with the following fundamentals: -Selection of the overall configuration - Design of cockpit and fuselage layouts -Selection and integration of the propulsion system - Class I method for wing planform design - Class I method for verifying clean airplane maximum lift coefficient and for sizing high lift devices - Class I method for empennage sizing and disposition, control surface sizing and disposition, landing gear sizing and disposition, weight and balance analysis, stability and control analysis and drag polar determination

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