



Commercial Aircraft Hydraulic Systems: Shanghai Jiao Tong University Press Aerospace Series (Aerospace Engineering)

By Shaoping Wang, Mileta Tomovic, Hong Liu

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Commercial Aircraft Hydraulic Systems: Shanghai Jiao Tong University Press Aerospace Series focuses on the operational principles and design technology of aircraft hydraulic systems, including the hydraulic power supply and actuation system and describing new types of structures and components such as the 2H/2E structure design method and the use of electro hydrostatic actuators (EHAs).

Based on the commercial aircraft hydraulic system, this is the first textbook that describes the whole lifecycle of integrated design, analysis, and assessment methods and technologies, enabling readers to tackle challenging high-pressure and high-power hydraulic system problems in university research and industrial contexts.

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- Presents the first book to describe the interface between the hydraulic system and the flight control system in commercial aircraft
- Focuses on the operational principles and design technology of aircraft hydraulic systems, including the hydraulic power supply and actuation system
- Includes the most advanced methods and technologies of hydraulic systems
- Describes the interaction between hydraulic systems and other disciplines

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