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Fluid-Dynamic Lift, Practical Information on Aerodynamic and Hydrodynamic Lift.

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Title : Fluid-Dynamic Lift, Practical Information on Aerodynamic and Hydrodynamic Lift,

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Personal Author(s) : Hoerner, Sighard F ; Borst, Henry V

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Abstract : This book has been written for both the practicing engineer and the student. It is designed so that the physical aspects of the problem can be understood as well as to provide solutions. The book is not just a collection of data but brings together and integrates the material to form as complete a picture as possible. The many sources of data used are given to provide material for any desired expanded studies.

Descriptors : *AIRCRAFT , *FLUID DYNAMICS , *LIFT , *LIFTING BODIES , ROLL , AIRFOILS , PROPULSION SYSTEMS , STALLING , SURFACE PROPERTIES , GEOMETRIC FORMS , SLOTS , FLAPS(CONTROL SURFACES) , LEADING EDGES , WINGS , PASSENGER

VEHICLES , HYDRODYNAMICS , REYNOLDS NUMBER , BLUNT BODIES , BOUNDARY LAYER CONTROL , SPOILERS , AERODYNAMIC CONTROL SURFACES , HYDROFOILS

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