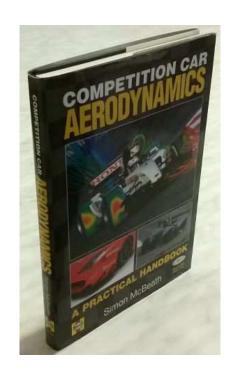
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The field of aerodynamics has had an increasingly significant effect on performance enhancement over the past 50 years. Competition Car Aerodynamics 3rd Edition continues the practical, hands-on approach of its popular predecessors to cover all aspects of motorsport aerodynamics, with more CFD and wind tunnel project material and case studies.

Author Simon McBeath tackles aerodynamic theory in a comprehensive, yet comprehensible, way with his unprecedented access to state of the art computational fluid dynamics (CFD) techniques. McBeath also explores aerodynamics with the MIRA full-scale wind tunnel in the UK.

Photographs, graphs, CFD-generated images, and wind tunnel data--much of which has appeared in the successful Aerobytes series in Racecar Engineering--are used to explain with unrivaled clarity how aerodynamic performance benefits are obtained in practice.

With case studies from Formula 1, sports prototypes, Formula 3, GT and saloon cars, club single seaters, and karts, this book will appeal to anyone, whether a designer, competitor, student, or armchair

