

# Road Vehicle Aerodynamic Design SECOND EDITION

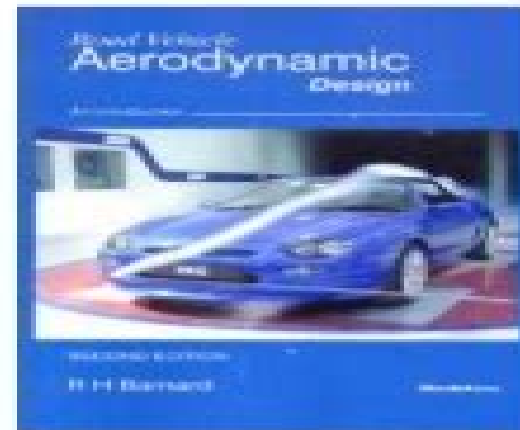
R. H. Barnard BSc Eng, M Phil, PhD, CEng, FRAeS

By popular demand, this book has now been revised and republished in a new edition

Provides a comprehensive introduction to the subject of road vehicle aerodynamics for students, engineers and designers working in the automotive field. Assuming no prior specialist knowledge, the book concentrates on the physical principles involved. Although the approach is largely non-mathematical, quantitative data are given, together with some basic formulae and examples of their use. Practical design implications are stated, and illustrated by examples of current and historical vehicles.

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1. Understanding airflows
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8. Internal comfort, heating air-conditioning and noise
9. Open cabriolets
10. Vehicles in cross winds
11. Wind tunnel and road testing
12. Computational Fluid dynamics (CFD) methods



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By R. H. Barnard

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# Road Vehicle Aerodynamic Design Second Edition

**T Yomi Obidi**



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