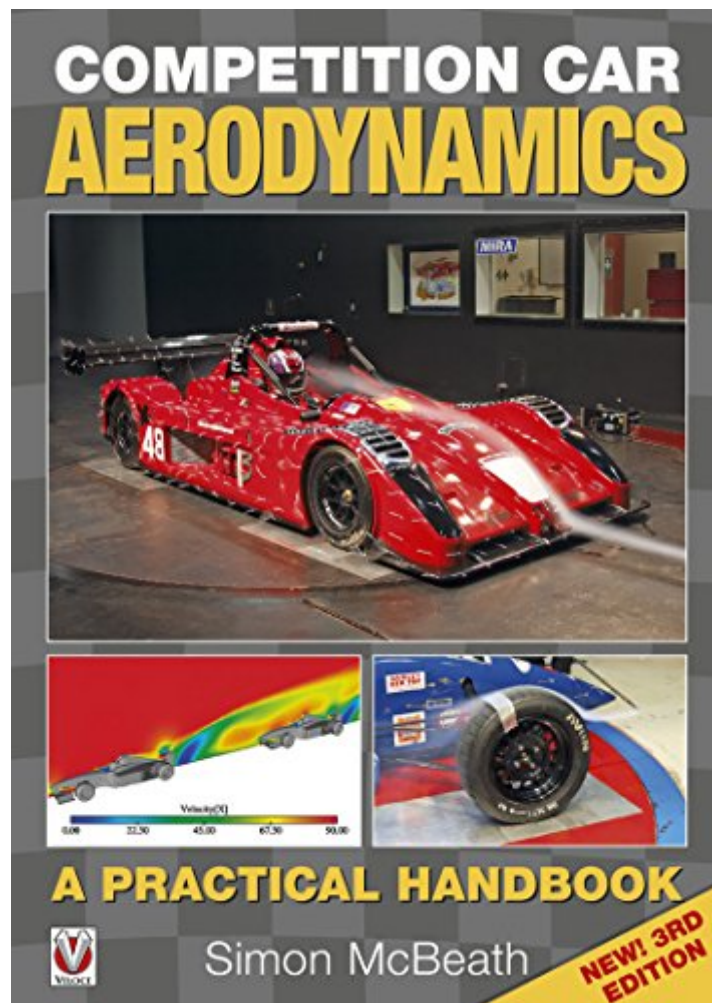




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Competition Car Aerodynamics 3rd Edition



Synopsis

Aerodynamics has become an increasingly significant performance enhancer 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 and features yet more CFD and wind tunnel project material and case studies. Aerodynamic theory is tackled in a comprehensive yet comprehensible way by author Simon McBeath, who has been granted unprecedented access to state of the art computational fluid dynamics (CFD) techniques, as well as regular access to 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 unrivalled 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 enthusiast, wishing to gain an understanding of aerodynamics and how it can benefit the performance of all types of competition cars. eBook ISBN: 978-1-787110-86-1 (9781787110861) Print ISBN: 9781845847760 (9781845847760)

Book Information

File Size: 24326 KB

Print Length: 551 pages

Publisher: Veloce Publishing Ltd. (January 23, 2017)

Publication Date: January 23, 2017

Sold by: Digital Services LLC

Language: English

ASIN: B01N25RRVT

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #524,257 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #14

in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Dynamics > Aerodynamics

#74 in Books > Engineering & Transportation > Engineering > Aerospace > Aerodynamics #154

Customer Reviews

same book we are used to just with some updated information.

Must have reference material if you're an aerospace engineering student and also happens to be a car guy. This really sparked my interest in CFD on road vehicles as a fun pet project/study.

Great book, highly detailed, good engineering explanations and illustrations.

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