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~~Compressors — Turbine Engines: A Closer Look~~

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Fundamentals of Gas Dynamics, Second Edition is an indispensable book for students in mechanical, aerospace, and chemical engineering courses, as well as aerospace engineers. About the Author ROBERT D. ZUCKER, P H D, is Professor Emeritus of Aeronautics and Astronautics at the Naval Postgraduate School in Monterey, California.

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The updated edition of Fundamentals of Gas  
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**Robert D ...**

Fundamentals of gas dynamics Robert D. Zucker, Oscar Biblarz This book provides comprehensive coverage to the study of how gas and other "compressible fluids" perform under various conditions. Applications of this treatment include jet and rocket propulsion, high speed heat transfer, ballistics, and combustion.

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or  $N \text{ m/kg K}$  The individual gas constant is found in the English Engineering system by dividing 1545 by the molecular mass of the gas chemical constituents.

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## **Zucker**

Fundamentals of gas dynamics by Robert D. Zucker, 2002, John Wiley & Sons, Ltd. edition, Electronic resource in English

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Fundamentals of Gas Dynamics by Robert D. Zucker The updated edition of Fundamentals of Gas Dynamics includes new sections on the shock tube, the aerospike nozzle, and the gas dynamic laser. The book contains all equations, tables, and charts necessary to work the problems and exercises in each chapter.

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