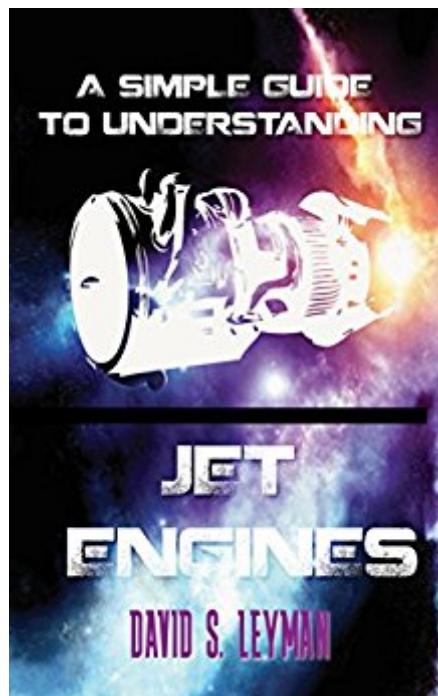


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# A Simple Guide To Understanding Jet Engines



## Synopsis

This book is ideal for those who want to be Aircraft Engineers. In fact, pilots, students and anyone who has an interest in aviation can pick this book up and, in no time, have enough understanding to satisfy the most pedantic examiner. Written with over thirty years experience of lecturing in aircraft maintenance and systems to an international body of students, this volume is essential reading for anyone who wants to learn about jet engines. It has taken the subject of the theory and principles of gas turbines and rejected the complex and erudite, to form a guide understandable to everyone who has an interest in aviation. Even though the book is simplified, the topics covered are vast, as outlined in the table of contents. It starts with a brief look at the history and development of the gas turbine and then, using humour and examples, passes through the engine stage by stage examining each component in turn by function and principle until the last chapter where different applications are considered.

## Book Information

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## Customer Reviews

I could have given this a 5 but it about JET ENGINES! This is more than just a 'simple' explanation. There are many interesting examples of the physics of the Jet engine. I know I'll read this book twice.

Simple but effective. Some small errors.

I enjoyed read this book with my kid. It explained jet engines much clear than my thermodynamics textbook. And it makes a 9 years old kid may understand entropy! Thank you David!

This book is a definate must have

This is a great intro book for someone (like me) who does not know squat about how jet engines work and less than that about thermodynamics and fluid mechanics and such. I bought the Bill Gunston book, and while I do like that book and think it is nice, it was over my head. I am engineer by background and not afraid of math, but it was more than I was wanting to tackle. This book on the other hand is like the "For Dummies ..." version and I LOVE IT. Simple and concise is what a great overview should be and this satisfies that for me on both accounts. As an aside, the Gunston book, however, has a great section on history talking about Whittle and the early development and more.

It is indeed refreshing to find a technical book written in a non technical manner. I have to say that this book makes a great introduction to the world of jet engines and a refresher for those already in the field. It makes a great read for those who plan to take their licensing in Aircraft maintenance. It is even perfect for those who are curious to know about how the jet engines work. I love the cartoons in the book as it makes it less tiresome to read and digest. How I wish this book was available when I was doing my aviation training.

My father and David were in the Royal Air Force together, David really know's his stuff and this book is a really good way to understand how a jet engine works. Something as a frequent flyer I've always wondered and admired.

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