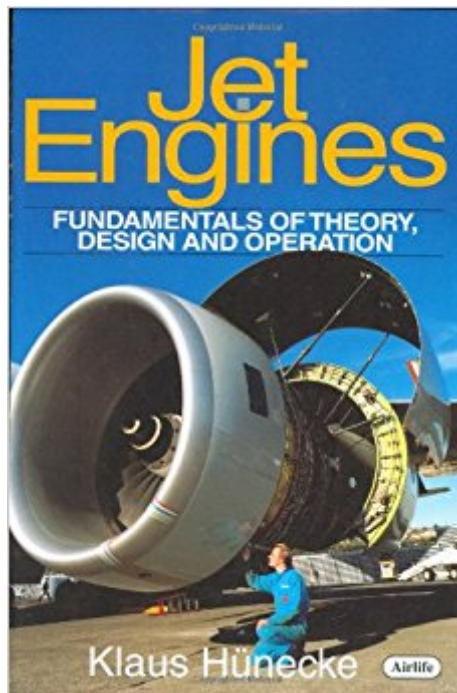




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Jet Engines: Fundamentals Of Theory, Design And Operation



Synopsis

This book is intended for those who wish to broaden their knowledge of jet engine technology and associated subjects. It covers turbojet, turboprop and turbofan designs and is applicable to civilian and military usage. It commences with an overview of the main design types and fundamentals and then looks at air intakes, compressors, turbines and exhaust systems in great detail.

Book Information

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Customer Reviews

Text: English (translation) Original Language: German --This text refers to an out of print or unavailable edition of this title.

Klaus Hunecke began his working career at the Aerospace Institute of the Berlin Technical University where he carried out research on vortex flow. After receiving his Doctorate and leaving the Aerospace Institute, he joined the Aerodynamics department of the German VFW aircraft factory where he was engaged in combat aircraft high angle-of-attach flow research. He is currently senior aerodynamcist of Airbus Industrie projects.

The good: Information dense introduction to jet engines. Written for engineers and others with a basic understanding of thermodynamics and fluid dynamics. The bad: College level text written for engineers and others with a basic understanding of thermodynamics and fluid dynamics. If your technical education consists of Popular Science and Wikipedia, buy a different book. Overall: Worth

the cost.

Great book

High quality and delivered on time.

Easy to understand and entertaining.

Excellent work with great diagrams and just enough math to solidify the text. I read it twice (the second time was for pleasure). Now I understand how jet engines work. Many thanks to the author and publisher for a fine book!

This book is a good read on the subject. As the title says, it covers the fundamentals. Many of the examples and pictures are of early engines but the principles of operation remain the same. Most of the other books on the subject are 3 to 4 times the price so - good value for the money.

This is a wonderful book for the price. It by no means will make you an aerospace engineer, but if you're wanting a more in depth knowledge of how turbines work this book will take you to that next level. Like I said, not a college level text book, but if you want to know more than "suck, squeeze, bang, blow" this book is a great place to start.

I finally know how a compressor stage really works, as well as the rest of the engine. I didn't know the air intake of a jet engine was so important. It's a GO for pilots.

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