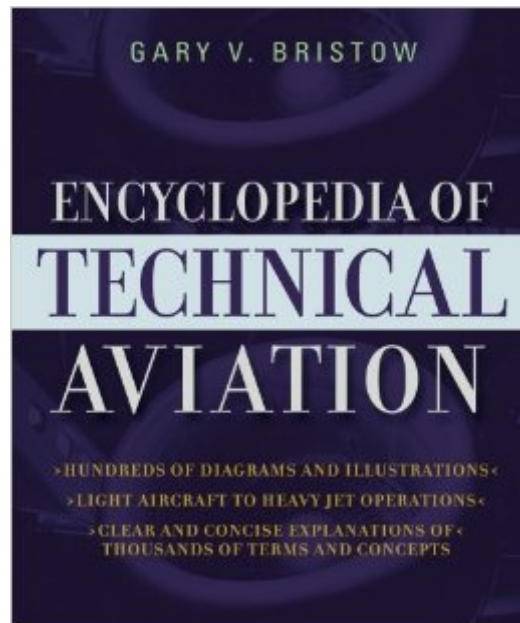


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# Encyclopedia Of Technical Aviation



## Synopsis

This work features hundreds of informative illustrations! If aviation is your profession - or if you're simply an aircraft enthusiast - here's an authoritative, easy-to-use resource that puts a world of technical information right at your fingertips. Written by noted aviation expert and airline pilot Gary V. Bristow, the comprehensive "Encyclopedia of Technical Aviation" offers coverage of a complete range of technical aviation topics, with each alphabetically arranged entry designed to provide maximum insight. From absolute ceiling to jetstream, rotation rate to wind drift formulae, and everything in between, this encyclopedia covers it like no other resource available. With the "Encyclopedia of Technical Aviation", you get instant facts on topics such as: aerodynamics; engines; aircraft performance; aircraft speed; atmosphere; meteorology; navigation; type qualifications; and much, much more! Packed with hundreds of useful illustrations, the "Encyclopedia of Technical Aviation" is an essential reference for industry professionals and students. Locate key data, improve safety conditions for yourself and others, and especially, increase your opportunity for job security and career advancement. From light aircraft to heavy jet operations and everything in between, the "Encyclopedia of Technical Aviation" is the one-stop, info-packed resource you need to keep your working knowledge of aviation flying high!

## Book Information

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## Customer Reviews

"The Encyclopedia of Technical Aviation" is a valuable addition to the library of any pilot, or for that matter anyone interested in aviation. It is organized alphabetically, as you would expect, and has

extensive explanations of most any aviation related term you can think of. As an aside, the only term I have tried to look up and have not found is "RAT" (Ram Air Temperature). It does include "TAT" (Total Air Temperature), but I was trying to find the definitive answer on how the two differ. The lack of "RAT", though, is (by far) the exception, as the book covers most all other topics more thoroughly and concisely than any other single volume I have found. This volume would be especially useful to people upgrading to complex aircraft (especially jets) for the first time. The section discussing FMS (Flight Management System) information and use would be very helpful to pilots transitioning to their first 'glass' airplane. The book has hundreds of illustrations, and all key points requiring visual illustration seem to have an easy to grasp drawing, chart, diagram, or graph, as appropriate. This book is useful to pilots at all levels, as it discusses the very basic things like the forces acting on an aircraft in flight, to advanced EFIS and FANS concepts. This book is a one stop reference goldmine for pilots. The chances are very high that if it isn't in here, it isn't that important for a pilot to know.

I used this book to help me with an upcoming interview. The book contains a lot of good content, however it is poorly organized. The author has altered and changed many fundamental terms used in aviation. An example would be L/D Max is referred to as VIMD. VIMD is not a valid term, and for a first time reader it can be misleading. I believe a book that is titled as an "Encyclopedia" should stay true to its content and be well researched. The content is all there, however many of the fundamental acronyms and terms in the book have been reworded by the author. All in all, it is not a bad book to use as a backup reference to help assist the learning of certain concepts. I would not recommend this book as a sole reference. The shortest definitions were the best. No index in the back of the book made it difficult to read or find certain key terms. This is an encyclopedia, so it shouldn't be needed, however the overly wordy text had me thumbing back and forth throughout the book attempting to decipher certain key words that the author decided to invent. I know this seems like an overall negative review, if you do purchase read with caution. Again not a bad supplemental resource, just have a lot of supplemental information to back your research up.

There is a lot of stuff but some misconception. I think as a primary reference, I wouldn't use it, but a great effort to put a lot of topics in one book.

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