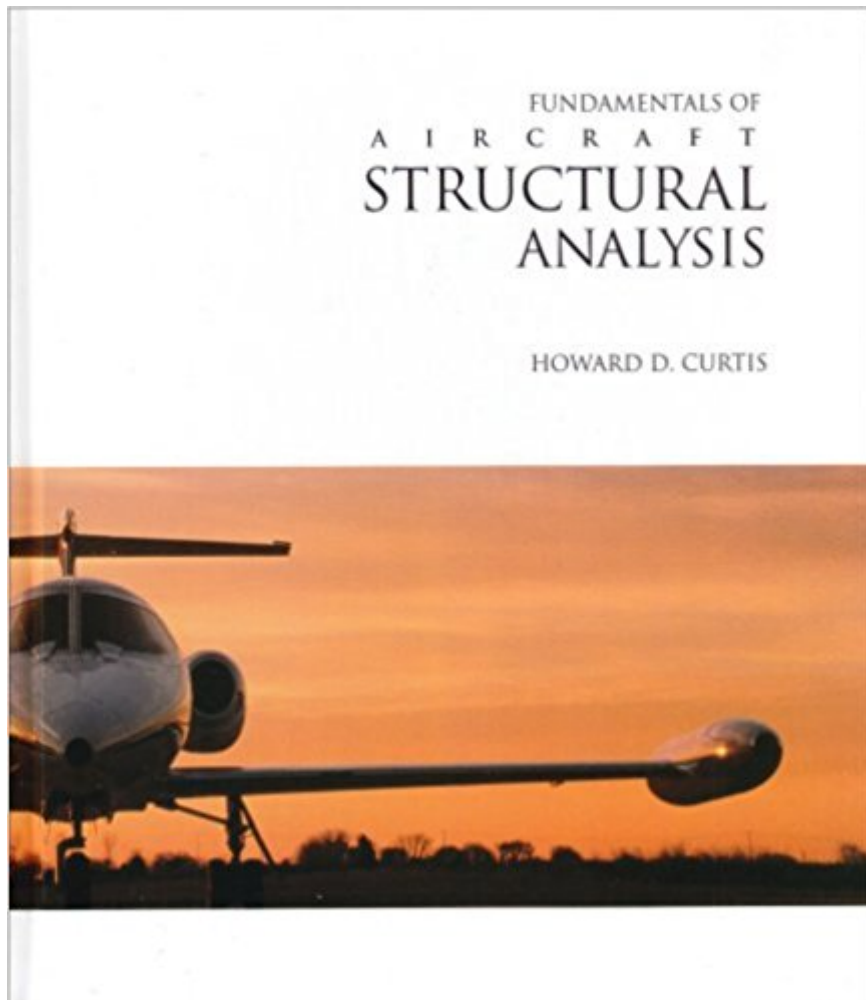




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# **Fundamentals Of Aircraft Structural Analysis**



## Synopsis

"Fundamentals of Aircraft Structural Analysis" focuses on the basics behind the elements of aircraft structural analysis using an applications-oriented approach. Through the use of extensive practical problems, Howard Curtis introduces your undergraduate students to the theory required for understanding linear, static structural behavior, and the classic methods of analysis. By focusing on the basics, students will comprehend each topic and be encouraged to study more advanced topics.

## Book Information

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## Customer Reviews

The publisher (McGraw Hill) should release an errata or a new updated version due to the amount of errors that this textbook has. Author didn't do a good job explaining some of the materials, especially shear lag & virtual work; thus the book is quite difficult to understand & read. The next edition should provide more relevant examples, so students/readers would be able to do the homework problems without extensive aid of solution manual. Conclusion: An overpriced, outdated & difficult to read textbook. Save your money for something else.

This is an absolutely terrible book to try to learn from. Our professor has not given us the 81 pages of corrections, so we don't know if we can even look at the examples to try and model after them. It truly makes it impossible to learn when you can't even trust what you're learning from.

This book is so full of mistakes, it baffles me how it ever made it to print. There are 81 pages of

corrections that you will want to get from the author if you buy this book.

Nice

Grade A s\*\*\*. A muddled and awful organization in addition to over-complicating the explanations and providing long-winded practice problems unnecessarily. Definitely attributed to the struggle I experienced in my first structures course. There are other options at a fraction of the cost for explaining things like shear flow much much better.

I went to ERAU where the main author teaches. He's an extremely smart person , but he's out of touch with reality and practicality. With that in mind, it's a very difficult book to read, not including the many errors in it. As far as "aircraft" structural analysis is concerned, this book covers extremely little. It's basically a generic structural analysis book with an airplane on the cover. If you want real aircraft structural analysis books, get Bruhn and Peery.

First of all I have the teacher that wrote this book. On the first day of class he gives you the 81 pages of typos that are in the book and their corrections. It is poorly written and full of mistakes. In fact almost all of his lecture is going through the book and showing penciled in corrections and explaining why the book is wrong.

This is an excellent book for the undergraduate. Having studied Aircraft Structures at Embry-Riddle under some of the book's contributors, I recognize it as a valuable resource of A/C Structures theory. Excellent examples and logically outlined, I highly recommend it.

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