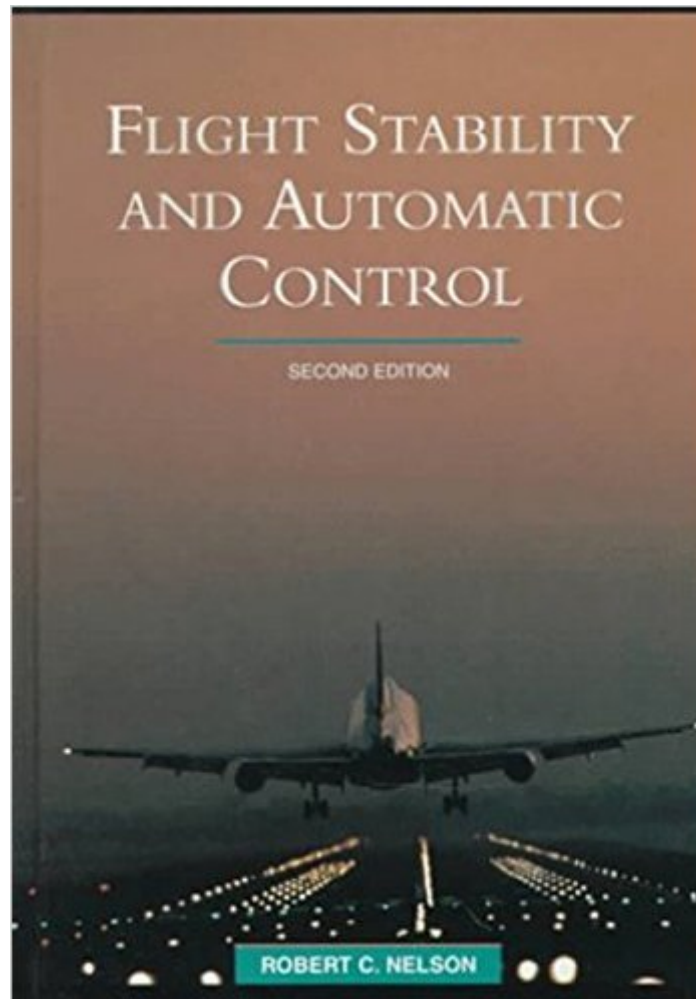


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# Flight Stability And Automatic Control



## Synopsis

The second edition of Flight Stability and Automatic Control presents an organized introduction to the useful and relevant topics necessary for a flight stability and controls course. Not only is this text presented at the appropriate mathematical level, it also features standard terminology and nomenclature, along with expanded coverage of classical control theory, autopilot designs, and modern control theory. Through the use of extensive examples, problems, and historical notes, author Robert Nelson develops a concise and vital text for aircraft flight stability and control or flight dynamics courses.

## Book Information

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Average Customer Review: 3.7 out of 5 stars [See all reviews](#) (7 customer reviews)

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## Customer Reviews

This is an excellent book for the modern fundamentals of aircraft control design. Most subjects are clearly treated with just the right amount of illustrations and examples. The author makes good effort of explaining procedures without resorting to function calls from some software package. The last of the book devotes relatively little space to modern control theory. I would hope this talented writer would create something more advanced in the future that would expand on his treatment of the state observer and the use of the cost function.

Book seemed unorganized and not enough clear cut examples.

Not one of the most useful textbooks ever. I find that the material is often different from that which I

learn in class. The techniques that my professor teaches are not always easy to discern in the text. I honestly don't understand why I was required to purchase this book, as I have not utilized it at all. The few times I've turned to it for assistance, it did not offer any. Perhaps if my teacher taught more closely with the book, it might be more helpful to me. But I find that the notes I am provided with in class are much more useful than this text.

Must have for the Aerospace Engineering student. It's pricey, but worth it

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