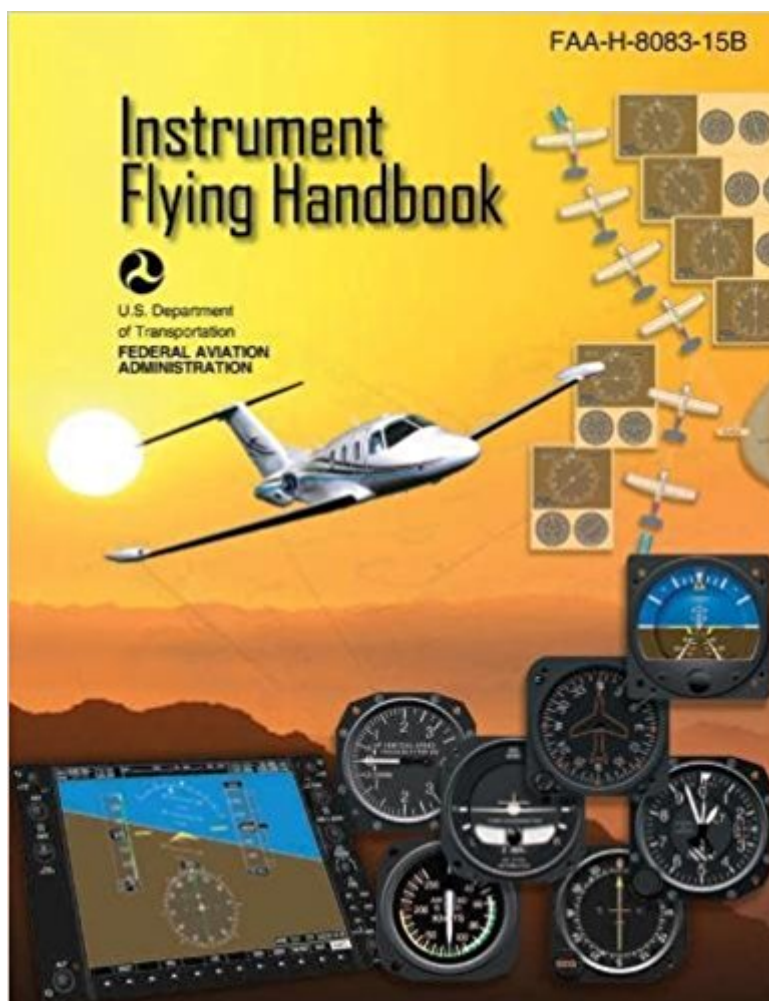


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# Instrument Flying Handbook: FAA-H-8083-15B



## Synopsis

This is the FAA's primary pilot resource for instrument flight rules and training. It covers everything pertinent to operating an aircraft, both in instrument meteorological conditions (IMC) and without reference to outside visuals, relying solely on the information gleaned from the cockpit. Information applies to both analog and electronic flight displays, and is organized into separate coverage of the traditional and pictorial displays. Instrument Flying Handbook includes chapters on national airspace system, the air traffic control system, human factors, aerodynamics, flight instruments, flight maneuvers for IFR operations, navigation, emergency operations, as well as helicopter operations and more. Advanced systems are covered, including flight management systems, the primary flight display (PFD) and multi-function display (MFD), synthetic vision, and traffic advisory systems. Instrument clearance shorthand is discussed, and an instrument training lesson guide is provided. The Instrument Flying Handbook is designed for use by flight instructors, pilots preparing for the Instrument Rating FAA Knowledge and Practical Exams, and instrument-rated pilots looking for a refresher or preparing for an Instrument Proficiency Check (IPC). This edition features with full-color illustrations and diagrams, along with a comprehensive glossary and index.

## Book Information

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## Customer Reviews

The Federal Aviation Administration is the national aviation authority of the United States. It regulates and oversees the aviation industry, pilot licensing, and airspace with the goal of providing the safest, most efficient aerospace system in the world.

I have been a CFII for 20+ years, and this is the book I recommend to my students? Why? Because

it was updated in 2007/2008 and is the only IFR book I've seen which fully covers both glass cockpit (G1000 primarily) and analog instrumentation. In addition, it fully covers GPS operations. The ASA, Machado, Jeppesen manuals either don't mention glass and GPS or don't cover them thoroughly. And this one is FAR less expensive! A necessary companion to this book which is the FAA Instrument Procedures Handbook.

Long (necessarily) but thorough. Only criticism would be that in e-layout the tables/diagrams and their respective titles are dislocated, making it more difficult to cross-refer to the text

Very satisfied.

This is the best book I know of help you begin to understand instrument flying. That said, transitioning to instruments is a big challenge, and I do not know of any single book that will explain instrument flying in an easy to grasp and efficient manner. This is as good as I found, and it is inexpensive. I bought the Jep book too, and I never got through it. It just wastes a lot of paper on stuff you already know (I hope). The distinction between this book and the Instrument Procedures Handbook is that this book is more for students learning to fly instruments. The Instrument Procedures Handbook is a more detailed look into the instrument flying system. When you begin to actually fly in the system and you want to understand why you get bizarre clearances or why STARS or SIDS are the way they are, this is a book to help you understand why. It helps you file flight plans that are likely to be cleared as filed and less likely to be amended in flight. This in turn reduces your stress.

This is some hacked black and white copy of the real thing - it doesn't even have a title on the binding. Buy a legit copy from an aviation book store. This one is well below market price for a reason.

This book is all black and white. If they would have advertised it as such, I would have gladly paid a couple more dollars to have one in color.

The reason I bought this new manual is the earlier version has a lot of erroneous contents(explanation/figure showing); FAA issued a 12-page-changes in 2009, I don't like the inconvenience when reading the earlier version. I wish the new one I bought will have no issues like

these, but it comes out with new problems. There are so many figures printed with blurred words and/or numbers which are just critical in understanding the relevant concepts. I contacted the publisher, Skyhorse Publishing, and all I got was a standard answer-return it. I wish Skyhorse could do a good job, or let others do it. Samples of blurred figures with barely legible words/numbers on pages: 1-15, 1-18, ..., 3-7, 3-23, 3-24, and many many more throughout the manual.

Stay away, the FAA version is a beautiful full color book with tons of useful charts, graphs, and diagrams. This book costs the same as the "real" version, but has only washed out, low contrast black and white images. Returned this handbook as soon as possible!

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