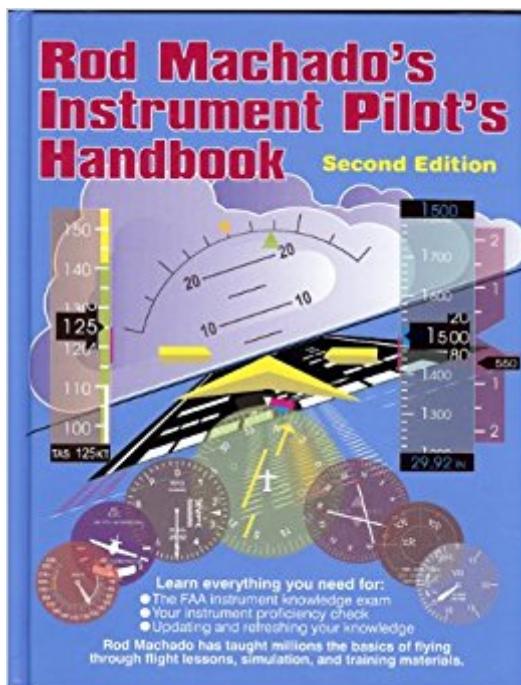


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# Rod Machado's Instrument Pilot's Handbook



## Synopsis

Welcome to your instrument instructor in a book. Written by a veteran ground and flight instructor, this book is presented in a warm, conversational manner and spiced with humor. With a third of a century of teaching experience, Rod Machado's tried and true methods of instruction have achieved exceptional results with students around the world. Rod has the unique ability to simplify the difficult, and his humor helps you remember the lesson. The Instrument Pilots Handbook allows you to learn everything you need for: The FAA instrument knowledge exam Your instrument proficiency check Updating and refreshing your knowledge This valuable one-stop handbook contains the information necessary to: Fly instruments as a knowledgeable and competent pilot. Prepare for the FAA instrument pilot knowledge exam. Prepare for the instrument pilot practical oral exam. Refresh for your instrument proficiency check. Remain an up-to-date confident instrument pilot. As a comprehensive information source book, these pages include: 1. Simplification of the FAA's instrument scan concepts/procedures and a cockpit-practical, step-by-step instrument scan technique. 2. The latest information on aviation decision making for instrument pilots. 3. Detailed understanding of analog and glass (PFD) flight instruments. 4. Step-by-step procedures for planning an IFR cross-country flight. 5. Easy to apply navigation methods for VOR, GPS and ADF. 6. Clear, down-to-earth explanations of pertinent FARs, including instrument currency, lost comm, alternate requirements, etc. 7. Step-by-step explanation of how instrument approach charts are constructed, including MDAs, DAs, procedure turns, etc. 8. Practical understanding of the IFR system, GPS procedures, icing and thunderstorm avoidance, NEXRAD, radar, and more.

## Book Information

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## Customer Reviews

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this book is presented in a warm, conversational manner and spiced with humor. With a third of a century of teaching experience, Rod Machado's tried and true methods of instruction have achieved exceptional results with students around the world. Rod has the unique ability to simplify the difficult, and his humor helps you remember the lesson. The Instrument Pilots Handbook allows you to learn everything you need for: The FAA instrument knowledge exam Your instrument proficiency check Updating and refreshing your knowledge This valuable one-stop handbook contains the information necessary to: Fly instruments as a knowledgeable and competent pilot. Prepare for the FAA instrument pilot knowledge exam. Prepare for the instrument pilot practical oral exam. Refresh for your instrument proficiency check. Remain an up-to-date confident instrument pilot. As a comprehensive information source book, these pages include: 1. Simplification of the FAA's instrument scan concepts/procedures and a cockpit-practical, step-by-step instrument scan technique. 2. The latest information on aviation decision making for instrument pilots. 3. Detailed understanding of analog and glass (PFD) flight instruments. 4. Step-by-step procedures for planning an IFR cross-country flight. 5. Easy to apply navigation methods for VOR, GPS and ADF. 6. Clear, down-to-earth explanations of pertinent FARs, including instrument currency, lost comm, alternate requirements, etc. 7. Step-by-step explanation of how instrument approach charts are constructed, including MDAs, DAs, procedure turns, etc. 8. Practical understanding of the IFR system, GPS procedures, icing and thunderstorm avoidance, NEXRAD, radar, and more.

This book is fabulous. I actually took the King video course to pass the IFR written, and then sat down and went through this book to really learn the material. The information in this book is complex, and Rod makes a lot of effort to present it clearly and precisely. The figures are especially good, and I enjoy the humor too. Highly recommended. BTW, I met Rod at Oshkosh and he is a real gentleman who is clearly passionate about flying and teaching.

This book is really good at breaking down complicated ideas and concepts into relatable forms. Really helped me in my instrument training. I've also read from the Jeppesen Instrument Procedure Guide and the old PHAK, and I have to say Rod's book was miles better. The instrument training knowledge is an inheritantly dry subject, but so far this is the only book that literally didn't put me to sleep. Only gripe with it is all the stupid jokes. Sometimes they actually muddled the subject at hand and left me unclear on concepts. Otherwise this is a good investment that will help tremendously in your instrument training.

This book covers every 'nook' and 'cranny' dealing with instrument flying. A great reference for all who either fly or are training to fly IFR. This book will not disappoint. Another great reference Rod Machado's Instrument Pilot's Survival Guide. Both these references give you the common sense insight into instrument flying that many other books 'take for granted.' Rod 'talks to you' in a way that makes confusing concepts easy to understand: he explains real life circumstances with each procedure. With his style of explaining, I have gained so much more understanding. Thanks Rod!!!

great book w/ perhaps a little too much humor but the illustrations are OUTSTANDING you won't find another book anywhere near as good

Rod Machado's Private Pilot Handbook is in my opinion an excellent book and it greatly helped my private pilot studies. The Instrument Pilot's Handbook does not live up to the standard set by that book. Nearly half of the material in this book is a recap of information found there. Much of it is a direct copy & paste, and is information which anyone studying for an instrument rating would be expected to already know. The joke to useful information ratio also seems off. You should expect any Rod Machado material to be full of corny jokes, and that is fine, however this book at times seemed more like an aviation-themed joke book than an actual usable textbook. I suspect these problems compound each other - when half the book is redundant, additional space wasted on jokes is doubly annoying. Finally, I found the book to be not well organized. The material is not presented in the order in which it is likely to be needed by a student instrument pilot, nor does it follow a logical progression from basic principles to more advanced topics. Instead, a series of chapters recapping basic piloting information is interrupted by a chapter on how to fly holding patterns. After some more basic recap, there's a discussion on how air traffic control routes planes nationally, and one on how to program a GPS navigation system. Information on how to read approach plates and enroute charts and file and understand flight plans, which is needed to understand this early material, appears later. While it might be possible to obtain an instrument rating using only this book, I will probably end up buying another book, because after reading this one I still don't feel I understand how to fly IFR. [EDIT: I passed my IFR checkride on the first try earlier this year. I am rerating this with three stars instead of two. One of the main reasons I disliked the book was because I felt it needlessly duplicated the private pilot handbook. However, all the duplicated information is on the IFR test even though it was also on the private pilot test. That is to say, this book is redundant because the test is redundant. I would still have been happier with an appendix which simply listed the sections in the private pilot book to review - however, this would

have made it hard for people who used a different book for their private. I guess you really can't please everybody! I did not end up having to buy another book, other than the ASA oral exam guide and practical test standards and the downloadable government-published materials. Along with the supplementary material, my instructor was able to help me "connect the dots."]

In the middle of my instrument training now. I have just started this, but am BLOWN AWAY not only by the overall richness and quality, but by the fact that the author did all of the illustrations (?!?). Nicely printed and very heavy!

One of the best books I ever read and entertaining and humorous also

Fantastic

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