



## Learning to Fly Helicopters, Second Edition (Aviation)

By R. Padfield

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**Learning to Fly Helicopters, Second Edition (Aviation)** By R. Padfield

**A comprehensive guide to helicopter flying and flight training for aspiring private or professional helicopter pilots--updated for the first time in 20 years!**

Extensively revised to cover the latest industry advances, *Learning to Fly Helicopters*, Second Edition, provides details on the technical and practical aspects of rotarywing flight, guiding you from preflight preparation through postflight procedures and everything in between. Written in a conversational style, the book demystifies the art and science of helicopter flying. Real-world advice from the author and other pilots is included throughout.

This copiously illustrated, up-to-date edition features new information on glass cockpits, turbine engines, IFR flying, the latest FAA test standards for a private helicopter pilot certificate, emergency and safety procedures, how to choose a flight school, career opportunities, and more. Become a private or professional helicopter pilot with help from this trusted resource!

*Learning to Fly Helicopters*, Second Edition, covers:

- Five myths about helicopters
- Basic aerodynamics
- Flight controls
- Your first flight
- Basic flight maneuvers
- Learning to hover
- Autorotations
- Advanced maneuvers--with new material on hoisting, sling loads, and offshore operations
- Emergencies
- Hazards of low-level flying
- Flight training tips--civil and military
- Aircraft systems--with new information on glass cockpits and turbine engines
- Private pilot practical test standards for helicopter pilots
- The Ten Commandments for helicopter pilots

- Weight and balance, passenger briefings, and hand signals
- Employment opportunities
- Human factors and safety
- A flight to remember--lessons learned from the author's most stressful flight
- Born-again copilots--when experienced captains fly the left seat
- Resources for helicopter pilots
- Data on and photos of common civil helicopters
- There but for the grace of God--real hangar stories as told by real pilots
- Postflight

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### Editorial Review

From the Author

This book is about what it's like to learn to fly helicopters and what it's like to fly them as professional pilot. And what is that exactly? It starts with a *feeling*. A feeling that must be experienced before it can be understood. The best I can do is identify other experiences you're more likely to have had, and I hope you'll get the idea.

It's the feeling you get when a football floats into your hands as you're running full speed down the field, or when your bat hits smacks a baseball with a loud satisfying "thunk." It's the feeling a gymnast gets on the balance beam during a perfect routine, or an airplane pilot gets when squeaking a landing in a taildragger, or a skier gets when carving perfect turns in deep powder. It's the feeling every child gets the first time he or she masters riding a bicycle without training wheels. It's a hands-eyes-and-feet coordination thing.

That's what it's like to fly a helicopter.

This book can't give you that feeling. No book can. What this book can do is pave the way so that you get the feeling sooner.

Helicopters are fascinating, complicated machines. They're not easy to fly and they're not easy to understand. You have a lot of study, work and practice ahead of you, if you are to become a helicopter pilot. Believe me, it's worth the time, effort and money.

Once you get the *feeling*, you'll never want to let it go.

About the Author

**R. Randall Padfield**, author of five aviation books, is the former Editor-in-Chief and COO of Aviation International News (AIN Publications), where his work included pilot reports on more than 30 rotorcraft. In 2016 Padfield was awarded the Helicopter Association International's Excellence in Communications Award, sponsored by Lightspeed Aviation, and in 1998 he received NBAA's Gold Wing Award for reporting excellence. A rated airline transport pilot in helicopters and airplanes, he flew rescue missions in U.S. Air Force HH-3Es in Iceland and Alaska and offshore operations in Bell 212s, Sikorsky S-61Ns and Aerospatiale Super Pumas in the North Sea. Padfield has more than 9,000 hours of flight time, is a 1971 graduate of the United States Air Force Academy and holds a masters degree in engineering management from UCLA. His writing has appeared in numerous other publications.

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**From reader reviews:**

**Dorothy Pearce:**

Reading a reserve can be one of a lot of action that everyone in the world really likes. Do you like reading book therefore. There are a lot of reasons why people enjoy it. First reading a publication will give you a lot of new details. When you read a guide you will get new information since book is one of several ways to share the information as well as their idea. Second, reading through a book will make you actually more imaginative. When you reading through a book especially fictional works book the author will bring someone to imagine the story how the personas do it anything. Third, you are able to share your knowledge to some others. When you read this Learning to Fly Helicopters, Second Edition (Aviation), you are able to tells your family, friends as well as soon about yours guide. Your knowledge can inspire average, make them

reading a publication.

**Sharon Doyle:**

A lot of people always spent all their free time to vacation or even go to the outside with them family or their friend. Do you know? Many a lot of people spent they free time just watching TV, or perhaps playing video games all day long. If you wish to try to find a new activity here is look different you can read some sort of book. It is really fun for you. If you enjoy the book that you simply read you can spent the whole day to reading a publication. The book Learning to Fly Helicopters, Second Edition (Aviation) it is quite good to read. There are a lot of those who recommended this book. They were enjoying reading this book. If you did not have enough space to develop this book you can buy the particular e-book. You can m0ore effortlessly to read this book out of your smart phone. The price is not to fund but this book possesses high quality.

**Sandra Byrom:**

The reason why? Because this Learning to Fly Helicopters, Second Edition (Aviation) is an unordinary book that the inside of the publication waiting for you to snap it but latter it will zap you with the secret it inside. Reading this book alongside it was fantastic author who also write the book in such amazing way makes the content inside of easier to understand, entertaining means but still convey the meaning fully. So , it is good for you for not hesitating having this any more or you going to regret it. This excellent book will give you a lot of positive aspects than the other book have got such as help improving your ability and your critical thinking way. So , still want to hold off having that book? If I were being you I will go to the guide store hurriedly.

**Richard Kowalski:**

What is your hobby? Have you heard this question when you got college students? We believe that that concern was given by teacher to their students. Many kinds of hobby, Every individual has different hobby. And also you know that little person such as reading or as reading through become their hobby. You need to understand that reading is very important and book as to be the matter. Book is important thing to add you knowledge, except your personal teacher or lecturer. You discover good news or update in relation to something by book. Different categories of books that can you choose to use be your object. One of them is Learning to Fly Helicopters, Second Edition (Aviation).

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