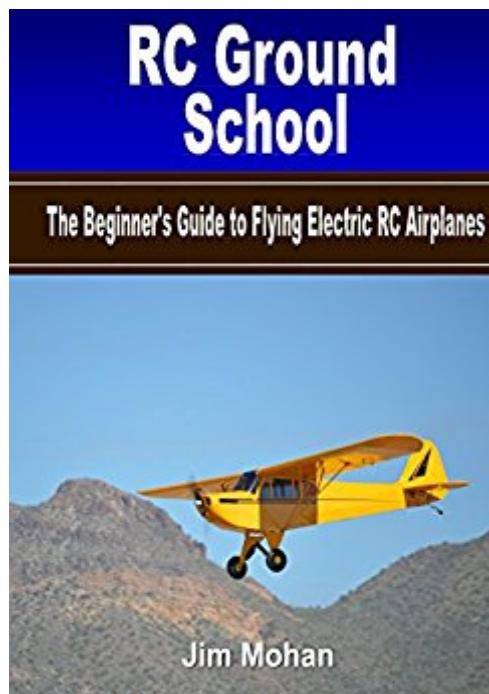


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# RC Ground School: The Beginners' Guide To Flying Electric RC Airplanes



## Synopsis

Seldom has a long-established hobby been transformed more than radio controlled model aircraft flying has been with the development of light-weight, inexpensive electric power systems. After decades of dominance by glow and gas powered internal combustion engines, the hottest thing in RC flying today is electric powered model aircraft. Energy dense lithium polymer batteries, powerful brushless electric motors and the digital devices that control them have taken the radio control hobby by storm. With them has come a veritable tsunami of molded foam models of nearly every type of airplane imaginable. Warbirds like the P-51 Mustang, aerobatic aircraft like the Edge 540 and a variety of trainers similar to the Cessna 172 fill the online marketplaces and the shelves of local hobby shops around the world. Traditional models, too, are being developed or converted to fly with electric power systems. These models have their own body of knowledge. Instead of tinkering with the needle valve settings of internal combustion engines, now modelers are computing watts, managing amps, determining volts and shopping for components that maximize power without exceeding the electronic limits of their model's components. RC Ground School provides you with the information you need to get started in the exciting hobby of model aviation. You'll get answers to these and other questions: What should I consider in choosing a model aircraft? What kind of transmitter should I consider? Should I go with a ready-to-fly kit or an almost-ready-to-fly model? What if I need to teach myself to fly? How can I find an instructor? How do I operate my model safely? How do electric models work? Come join the thousands of other modelers enjoying this fun and interesting hobby. RC Ground School is the perfect tool to help you get started. Already flying glow or gas airplanes? Thinking about converting to or adding an electric model to your hangar? The second half of the book is a deeper dive into what makes up an electric model's power system and what you'll need to know to convert that old friend to electric power or at least keep up with the conversations at the field.

## Book Information

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## Customer Reviews

Although I am a retired airline pilot with a degree in aeronautical engineering and over 15,200 hours of jet piloting time, as a recent convert to the world of R/C model flying, I had endless questions. This book answered them in a concise, clear way! I have spent an enormous time calling support lines of R/C model dealers, searching about R/C forums, posting questions there, and watching hours of YouTube videos in my quest for knowledge. I could have saved myself a lot of time had I known of the existence of this great book. I must also reveal that the book arrived yesterday afternoon and I am only half way through reading it. I have gleaned enough knowledge in that half book to justify my 5 star review. Bottom line: The book is a must read for anyone new to the hobby of flying R/C aircraft! Now I've got to run and go finish the rest of this great book!

I am an experienced modeler and electric airplane pilot looking for material to help others learn about electric aircraft and flying. I read this book from cover-to-cover and found it to be thoughtful, well organized, and authoritative. Jim engages the reader with some common initial questions that are clearly answered. The book helps with getting started with electric flight, safe modeling, field operations, how models work, and tools needed, as well as examining electric power systems. The book is easy to read and understand, concise, and is up-to-date, and offers current useful electric information. I recommend it as an excellent guide to those starting out and needing a book to help "pull it all together".

Comprehensive, well-written, helpful overview. I was already an advanced beginner/low intermediate R/C pilot and this gives me plenty of useful info as I move ahead--and would have

been very helpful had I read it even earlier on. Highly recommended!

Jim Mohan provides a well written introduction to the R/C flying world. It covers everything a new modeller to radio control needs in order to make judgement on clubs, kits, electric or nitro or anything else conceivable. Well worth the reading and information provided and will save time and money.

Excellent tips for beginners

Enjoyed reading about my new Bobbie. Has a lot of good information, but could have more information about the mechanics, and setup of the planes. Will definitely keep it for future reference.

you can visit YouTube on your computer or go to flitetest.com to get some very good learning videos and they have a shop on there website to get all of your r.c needs.

I've read a bunch of "intro"-type books, and Jim's is THE best on the RC Aircraft subject. Well laid out by a practitioner of the hobby. Bravo, Jim!

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