Building Your Own Drones: A Beginners' Guide to Drones, UAVs, and ROVs

John Baichtal

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Absolutely no experience needed!
 Build your drone, step-by-step, with this full-color, hands-on guide!

You've heard about drones. You've seen drones. Now, build your own—it's a lot easier than you think!

Drones are the newest frontier for the DIY/maker community, and you don't need to be a technical expert to build one. John Baichtal, the #1 author of hardware hacking books for beginners, will teach you all the skills you need.

First, Baichtal shows you the amazing drones others have built. Then, he walks you through several complete projects: quadcopters, UAVs, ROVs, and more. Not ready to start from scratch? No problem: Baichtal helps you choose from today's best new kits.

Hundreds of full-color step-by-step photos teach you every step, every skill. When you're ready for more advanced concepts, Baichtal explains them in plain English.

- Discover what drones are and why they're so exciting
- Explore today's most imaginative projects, from 3D-printed mini quadcopters to floating robot armies
- Compare kits, from $200 up: Parallax ELEV-8, DJI Phantom 2 Vision+, OpenROV, Actobotics Nomad, Brooklyn Aerodrome Flack, and more
- Create your own practical Drone Builder's Workbench
- Build complete rocket, blimp, waterborne, and automotive drones
- Construct both fully autonomous and radio-controlled drones
- Choose and assemble your chassis (airframe), motor, props, flight control, power system, accessories, and software
- Integrate Arduino to make radio-controlled drones operate autonomously
- Teach a drone to navigate via RFID tags
- Learn all the basic electronics and programming you'll need

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Barry Upshaw:

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Patricia Henderson:

In this era globalization it is important to someone to obtain information. The information will make anyone to understand the condition of the world. The condition of the world makes the information much easier to share. You can find a lot of references to get information example: internet, classifieds, book, and soon. You can observe that now, a lot of publisher which print many kinds of book. The particular book that recommended to you is Building Your Own Drones: A Beginners' Guide to Drones, UAVs, and ROVs this book consist a lot of the information of the condition of this world now. This kind of book was represented just how can the world has grown up. The terminology styles that writer use to explain it is easy to understand. Often the writer made some exploration when he makes this book. That is why this book appropriate all of you.

David Creason:

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