

Quadcopters And Drones How To Bring Your Photography Or Videography To The Next Level Drone Photography Aerial Drone Photography Quadcopter Book Aerial Drone Videography

Learn the five key skills needed to become a quadcopter developer: design, modeling, control, simulation, and implementation. This book provides a crash course on drone development for beginners and can also serve as a comprehensive reference for those who want a detailed guide for future projects. You'll review key features often missed in other books: a deeper review of controls, step by step modeling, and methods for simulating and designing drones. Although the quadcopter is used as the main example throughout the book, you'll also see how to apply the development knowledge to other aircrafts or aerial systems. Highly visual and easy to understand, this book features Simulink and Matlab tools, but the skills covered can be used in other environments such as Scilab or other programming languages. Drones To Go merges maker knowledge and technical information with scientific knowledge and design essentials. What You'll Learn Review the main families of control: geometric, linear, and common dynamic feedback control Understand the mathematics of a quadcopter Follow step-by-step instructions on modeling and control equations Focus on pedagogical development to answer any doubts in the design process Who This Book Is For Makers to scientists

Choice Outstanding Academic Title for 2015 One of the most significant and controversial developments in contemporary warfare is the use of unmanned aerial vehicles, commonly referred to as drones. In the last decade, US drone strikes have more than doubled and their deployment is transforming the way wars are fought across the globe. But how did drones claim such an important role in modern military planning? And how are they changing military strategy and the ethics of war and peace? What standards might effectively limit their use? Should there even be a limit? Drone warfare is the first book to engage fully with the political, legal, and ethical dimensions of UAVs. In it, political scientist Sarah Kreps and philosopher John Kaag discuss the extraordinary expansion of drone programs from the Cold War to the present day and their so-called 'effectiveness' in conflict zones. Analysing the political implications of drone technology for foreign and domestic policy as well as public opinion, the authors go on to examine the strategic position of the United States - by far the world's most prolific employer of drones - to argue that US military supremacy could be used to enshrine a new set of international agreements and treaties aimed at controlling the use of UAVs in the future.

Have you ever wanted to soar through the air like an eagle? Thanks to the hobby of RC quadcopters and drones, you can. This book shows you how to get up in the air and avoid all the common problems that always result in your drone falling from the sky. Over 100 pages of information designed to get you up in the air and safely flying through the sky on your very first outing.

Squirrel Drone Pilot Quadcopter Operators FPV Drones/h3>

Drones are devices that can fly without a pilot onboard. These machines can take pictures and videos, survey or fertilize crops, and participate in drone racing. As drone technology continues to improve, these devices will continue to impact our lives in new and innovative ways.

Are you a drone or quadcopter owner who craves new perspective? Have you contemplated turning your passion for flying and your love of photography into a lucrative business? If you apply the principles in author Eric Hall's bestselling Quadcopters and Drones: How to Bring Your Photography or Videography to the Next Level, you'll have your first clients in no time. That's not an empty promise. Eric wrote this book for photography professionals looking to expand their business into this profitable niche or for the hobbyist looking for innovative ways to explore their passion. While this guide can be read in sequence, it isn't a requirement. Each chapter focuses on a different area, from drone selection and safety to the more complex lens choices and FAA regulations. So whether you study carefully from cover to cover or concentrate solely on topics of interest, you're guaranteed to come away with an expert's insight of what it takes to maximize your aerial photography skills. What you'll also learn in this definitive guide: - How to Take Amazing Aerial Photographs - How to Tap Into the Potential of Your Aerial Photography or Video Business - How to Market Your Business to Gain New Aerial Photography Clients - Aerial Photography Accessories for Your Drone - Discussing How to Inject Creativity Into Your Aerial Photography - An informative bonus section that includes indispensable links - And many more fundamental tips and guidelines The author outlines techniques that are easy enough for a novice to comprehend, yet are detailed so intermediate and advanced students are sure to come away richer in knowledge. Quadcopters and Drones: How to Bring Your Photography or Videography to the Next Level leads you step-by-step and teaches you exactly what you must know to succeed in this emerging industry.

What is it exactly that we are trying to accomplish with this book? The world that we live in is going through a very interesting and dramatic change. With the new interest in both commercial and hobby drones and quadcopters (4 propellers) our skies are going to become a very busy space. While that alarms some people, for others it is an incredible time. For the would-be filmmakers, this is an incredible time to be alive. Never before have we had so many tools at our disposal to create and innovate. With high quality cameras being upgraded with each and every intimation of cell phones, we each have the power to produce beautiful and stimulating photos and video. We can create content that can be enjoyed by ourselves, or farmed out to Instagram and YouTube. Our videos, movies and films can be used to document the world around us, report the news, look at things from a new perspective, and really gain a deep understanding of our environment. Sure, there will be some speed bumps along the way . . . but every revolution has issues in the beginning. Indeed, the laws governing what we can and can't do will change as quickly as they're drafted to deal with problems that we don't know we will even face. But progress is like this. Fits and starts. We are going to guide you in your new endeavor, teach you about the kinds of drones you might enjoy flying; open you up to techniques that make you not only a safe pilot, but a great filmmaker! We want you to buy right, fly right, and shoot (film) straight. We will even discuss the notion of monetizing your videos and content. Yes, there is something for all of us here. Of course, there is no substitute for getting out there, buying a drone, and having some flight time under your belt . . . but we're certainly going to give you the best chance for success. So, without further ado, let's take a look at what a drone actually is and how we get here!

Drones go where humans fear or are unable to tread. This remains true for drones in the military and law enforcement sphere, but also for venues that could popularize drones: the entertainment and media sectors. This book covers the background of drone technology with detailed explorations of how drones may both revolutionize (and complicate) the fields of newsgathering, film and television production, sports and special event broadcasts, photography, and much more. Readers will also benefit from the book's

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in-depth look at drones' implications for personal privacy, copyright, and other legal implications, such as the regulatory environment surrounding drone use itself.

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

Unmanned aerial systems, popularly known as drones, have been in the news for all sorts of reasons—good and bad. The media has focussed equally on them for their use in hunting down terrorists and quickly eliminating them, as also for the inadvertent killing of innocent civilians and collateral damage to private property. Infringement of sovereignty is another pertinent area of international concern. Though historically associated with military missions, drones are increasingly proving their utility for internal security and disaster management. Lately, civilian and commercial uses are also proliferating. Indeed, drones have truly become a versatile flying platform. As an aerial machine, drones have started encroaching upon the common-user air space and are striving to integrate their operations with manned military aircraft and civil airliners. The problems of air traffic management and compliance of safety measures are formidable while civil and commercial uses infringe upon personal privacy and property rights. Third-party liability is another important issue for settlement. Comprehensive regulations to handle incumbent problems are not yet in place even as drones are racing ahead in technological development and operational mandates. This book will find interested audience among managers of aviation and air space, as well as persons from the Air Forces worldwide. It will also be of relevance to practising lawyers on air litigation, scholars of air law, as well as the aware layman.

When most people think of drones, also known as unmanned aerial vehicles (UAVs), they likely think of the military. Militaries have been using drones since the 1990s, and new developments in drone technology are being discovered every day. Readers get a crash course in military drones through this text, which explains the science and technology behind one of today's most polarizing topics. Readers gain an understanding of how drones work and how militaries use them. The text's science and technology content support elementary STEM concepts, while simple diagrams, photographs, and fact boxes provide opportunities for additional learning.

The fast and easy way to pick out, set up, and learn to fly your drone Ready to soar into the world of unmanned aircraft? Drones For Dummies introduces you to the fascinating world of UAVs. Written in plain English and brimming with friendly instruction, Drones For Dummies provides you with the information you need to find and purchase the right drone for your needs, examples of ways to use a drone, and even drone etiquette and the laws and regulations governing consumer drone usage. Plus, you'll discover the basics of flight, including how to use a drone to capture photos and video. Originally designed to assist in military and special operations applications, the use of drones has expanded into the public service sector and the consumer market for people looking to have a good time flying an aircraft remotely. Drones For Dummies covers everything you need to know to have fun with your UAV, and is packed with cool ways to expand your drone's use beyond simply flying. Pick the perfect drone to suit your needs Properly set up and fly a drone Use a drone to capture images and footage with a camera Tips for maintaining your drone If you're interested in the exciting new technology of unmanned aircraft vehicles, Drones For Dummies helps you take flight.

This book makes it easy to design and build your own long or short range FPV autonomous drone. The book breaks down all the required and optional components into six easy to understand sub-systems; Airframe System, Radio Control / Autopilot System, Camera System, Power System, Ground Control Station, and the Drive Train System. Other chapters will provide flying tips, check lists and a many surprises in-between.

Farm fields can span hundreds of acres. With so much area to cover, checking crops and livestock can be difficult. But with an agricultural drone, this job becomes much simpler. In this e-book young readers will discover how drones help farmers maximize efficiencies and bring abundant harvests

Leverage the WiFi chip to build exciting Quadcopters Key Features Learn to create a fully functional Drone with Arduino and ESP8266 and their modified versions of hardware. Enhance your drone's functionalities by implementing smart features. A project-based guide that will get you developing next-level drones to help you monitor a particular area with mobile-like devices. Book Description With the use of drones, DIY projects have taken off. Programmers are rapidly moving from traditional application programming to developing exciting multi-utility projects. This book will teach you to build industry-level drones with Arduino and ESP8266 and their modified versions of hardware. With this book, you will explore techniques for leveraging the tiny WiFi chip to enhance your drone and control it over a mobile phone. This book will start with teaching you how to solve problems while building your own WiFi controlled Arduino based drone. You will also learn how to build a Quadcopter and a mission critical drone. Moving on you will learn how to build a prototype drone that will be given a mission to complete which it will do it itself. You will also learn to build various exciting projects such as gliding and racing drones. By the end of this book you will learn how to maintain and troubleshoot your drone. By the end of this book, you will have learned to build drones using ESP8266 and Arduino and leverage their functionalities to the fullest. What you will learn Includes a number of projects that utilize different ESP8266 and Arduino capabilities, while interfacing with external hardware Covers electrical engineering and programming concepts, interfacing with the World through analog and digital sensors, communicating with a computer and other devices, and internet connectivity Control and fly your quadcopter, taking into account weather conditions Build a drone that can follow the user wherever he/she goes Build a mission-control drone and learn how to use it effectively Maintain your vehicle as much as possible and repair it whenever required Who this book is for If you are a programmer or a DIY enthusiast and keen to create a fully functional drone with Arduino and ESP8266, then this book is for you. Basic skills in electronics and programming would be beneficial. This book is not for the beginners as it includes lots of ideas not detailed how you can do that. If you are a beginner, then you might get lost here. The prerequisites of the book include a good knowledge of Arduino, electronics, programming in C or C++ and lots of interest in creating things out of nothing.

Drone Notebook small diary/journal/notebook to write in. for creative writing, creating list, for scheduling, Organizing and Recording your thoughts. Perfectly sized at 6"x9" 120 page softcover bookbinding flexible Paperback

Quadcopters, Quads, Personal Drones, Multicopters and UAV's are amazing flying machines which contain advanced technology. They are about to transform our world and our lives in many ways. Updated for 2015 - Hobbyists, photographers, pilots or others with interest in this new technology can now participate in this revolution at a very low cost. This book will guide the beginner through the first steps in choosing, buying, flying and understanding these flying

robots.

Drones greatly enhance Real Estate photography and video. The Drone Pilot's Guide to Real Estate Imaging provides information, resources, tools, and techniques for drone (UAS, UAV, RPAS) pilots and offers tips to Real Estate Agencies looking to hire sUAS (drone) pilots. Photography/Video settings, risk mitigation, neighborhood notifications, flight techniques, editing photos/video, creating a policy/procedures manual, "staging" a home, and much more are found in this in-depth guide to how to best capture great images and video of real estate property, whether residential, commercial, industrial, or land. The book is broken down into areas for real estate agents hoping to become pilots, agencies seeking to hire outside pilots, or pilots wanting to break into the world of real estate video. Additionally, the book covers choosing the "right" drone for real estate use, accessories, tools, software, and other practical needs for any successful real estate program. With many basic, intermediate, and advanced flight techniques, any reader should find a path to proficient use of a drone in the real estate environment. Beginning with the FAA certification process and ending with best practices for output to Zillow and other real estate sites, this book covers all subjects relevant to drones and real estate.

Build Your Own Drone Manual provides practical advice and step-by-step procedures to enable the reader to build a basic, affordable, DIY drone. Suggested designs for two drones will be included - both fixed wing and multiple-rotary wing. An ordinary Gazan's "devastating contemporary war journal" that chronicles his struggle to survive Israel's invasion of Gaza (Michael Ondaatje, author of *The English Patient*) *The Drone Eats with Me* is an unforgettable rendering of everyday civilian life shattered by the realities of twenty-first-century warfare. Israel's 2014 invasion of Gaza lasted 51 days, killed 2,145 Palestinians (578 of them children), injured over 11,000 people, and demolished more than 17,000 homes. Atef Abu Saif, a young father and novelist, puts an indelibly human face on these statistics, providing a rare window into the texture of a community and the realities of a conflict that is too often obscured by politics.

Drones, quadcopters, Uncrewed Aerial Vehicles (UAVs): whatever they're called, remotely-controlled aircraft have changed the way we see the world, the way we manage crops, the way we sell real estate, and the way we make war. This book contains tutorials about how to understand what drones can do, and projects about how to make your own flying craft, from some of the earliest practitioners in the field.

Have you caught the drone bug? Looking to buy your first drone but feeling overwhelmed? Want to learn how to build your own drone or become a better aerial photographer? Then this book is for you! This book provides a good introduction to drones as a whole for beginners as well as advanced flyers. It features a detailed explanation on how drones work and their main parts, learning to fly a drone as a complete beginner and improving your flying. You will also learn about other unmanned radio-controlled vehicles as well as building your own drone from scratch, or, if you prefer buying one - choosing the best drone for you. If you are into aerial photography with drones, this book will also teach you how to become a better photographer. This book includes: An introduction to drones How drones work and their main components Other radio-controlled vehicles and multicopters Learning how to fly drones and rules Building your first drone Buying your first drone How to shoot better photographs with a drone Tips and much more Are you ready to become more knowledgeable on drones, building your own, flying a drone and shooting better photos? Scroll up and hit that buy button!

Quadcopters and Drones A Beginner's Guide to Successfully Flying and Choosing the Right Drone Createspace
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Military drones have been part of wars for more than 100 years. Today's military unmanned aerial vehicles are packed with sensors, high-quality cameras, and even weapons. With each UAV flight, military members are kept safe away from war zones. In this e-book young readers will learn how both aerial and underwater military drones operate and get inside details about some of the missions they've completed.

While the military use of drones has been the subject of much scrutiny, the use of drones for humanitarian purposes has so far received little attention. As the starting point for this study, it is argued that the prospect of using drones for humanitarian and other life-saving activities has produced an alternative discourse on drones, dedicated to developing and publicizing the endless possibilities that drones have for "doing good". Furthermore, it is suggested that the Good Drone narrative has been appropriated back into the drone warfare discourse, as a strategy to make war "more human". This book explores the role of the Good Drone as an organizing narrative for political projects, technology development and humanitarian action. Its contribution to the debate is to take stock of the multiple logics and rationales according to which drones are "good", with a primary objective to initiate a critical conversation about the political currency of "good". This study recognizes the many possibilities for the use of drones and takes these possibilities seriously by critically examining the difference the drones' functionalities can make, but also what difference the presence of drones themselves - as unmanned and flying objects - make. Discussed and analysed are the implications for the drone industry, user communities, and the areas of crisis where drones are deployed.

This booklet provides basic knowledge and assistance for the purchase of quadcopters and a detailed flight school. It is limited to the essentials, without any ballast. Contents: - Ready-to-fly quadcopters - Functionality - How to prepare a flight - First flight - Rotating away and first flight figures - More challenging flight maneuvers - Speedflight and loops, flips

Does the lethal use of drones pose any new or difficult moral problems? Or is the controversy over these weapons merely a distraction from deeper questions regarding the justice of war and the United States' bellicose foreign policy? *Opposing Perspectives on the Drone Debate* pulls no punches in answering these questions as five scholars square off in a lively debate over the ethics of drones and their contentious use in a point-counterpoint debate. The contributing authors are some of the foremost thinkers in international affairs today, spanning the disciplines of philosophy, sociology, political science, and law. Topics debated range from the US's contested policy of so-called "targeted killing" in Pakistan's tribal regions to fears over the damaging effects such weaponry has on our democratic institutions to the more abstract moral questions raised by killing via remote control such as the duty to capture over kill.

The brilliantly received series *Drones* is back with the greatly anticipated and possibly controversial *Drones: Fly Your Drone Anywhere Without Getting Busted*, which was written to accompany the previous titles in the series *Drones: The Professional Drone Pilot's Manual* and *Drones: Mastering Flight Techniques*. *Drones: Fly Your Drone Anywhere Without Getting Busted* is essential reading for both Commercial UAV Operators and hobbyists alike who wish to get the most out of their chosen aircraft without the worry that sometimes comes with

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operating in certain areas. The book covers legal methods and proven techniques that will allow you to safely fly anywhere, IF done so correctly. Throughout what promises to be an interesting read you will learn about: -The Air Navigation Order, primarily Articles 94 and 95 and using them to your advantage. -Applying to the CAA for extended permissions (for Commercial UAV Operators). -How to file a NOTAM. -Establishing area as under your control. -How to quickly establish control over local buildings. -How to legally operate in a neighbourhood. -Incriminating Evidence. -Contacting ATCU, aerodromes, and MATZs. -The Crow Act. This is not just a collection of useful information, guidelines, and tips on flying your drones; it is also an important tool that will help you to gain a strong foundation and correct mindset towards drone use and was designed to support and guide you as you build on your piloting experience. Have fun and fly free.

Police departments around the country are using drones, or unmanned aerial vehicles (UAVs), to assist in law-enforcement. This may include using drones for surveillance purposes, something that's becoming increasingly controversial. Readers get a crash course in police UAVs with this text, which uses age-appropriate language and simple diagrams to explain the science and technology behind drones. STEM classroom concepts are supported by this science- and-technology-focused text, which asks readers to form their own opinions on the use of drones in police departments and beyond.

The perfect companion for anyone buying (or thinking of buying) a drone, whether it's just for fun, to race against friends, or to give their photography a whole new angle. The Drone Pilot's Handbook gives you the skills and techniques you need to fly and maintain your multicopter drone, tips for tuning it for maximum performance, and - importantly - a clear graphical guide to where the law will and won't allow you to fly. Meanwhile, spectacular aerial photography from around the world will inspire you to get airborne immediately! Occasional boxouts provide safety tips, handy ideas, and URLs, and flying instructions are presented with attractive original illustrations. This clean approach that makes a welcome contrast to ugly online forums, or the PDFs that drone manufacturers provide, and will have you up and away in no time.

The Parisian research scholar and author of *Manhunts* offers a philosophical perspective on the role of drone technology in today's changing military environments and the implications of drone capabilities in enabling democratic choices. 12,500 first printing.

Within the last couple of years, the usage of drones in both the public and private (military) sector has exploded. People are talking about drones, building drones, and something most people didn't know of a few years ago is now a household name. *Build a Drone* will not only teach you how to build your very own drone, but will explain their history in the military and the impact they will have—and are starting to have—on our everyday lives. Author Barry Davies has built drones for DARPA (Defense Advanced Research Projects Agency) and AAI (one of America's largest drone manufacturers), as well as six experimental ones for MIT. He not only understands their use in the world, but knows the ins-and-outs of how they can be created and handled. Explained in simple terms with full-color step-by-step directions, Davies will explain how to build your very own drone from ones created specifically for this book. Whether you plan on using drones for recreation or a more serious purpose (from search and rescue through farming to scanning construction work on a high-rise apartment buildings), *Build a Drone* will make sure that you not only understand how to construct a drone, but the proper and safe ways to maintain and handle them.

In the public imagination, drones are tools of the military and law enforcement. However, there are many sectors in which government at all levels—local, state, and federal—has the potential to leverage drone technology. In this book, readers will be exposed to the history of drone use, as well as currently developing and theoretical future uses of drones. From scientific surveys, to enforcing statutes and environmental regulations on public lands, to helping with traffic management, weather analysis, disaster response, and search and rescue, the possibilities remain endless.

Drones are the next frontier in photography. This cutting-edge technology, still unexplored by the masses, can bring visual artistry to new and exciting heights. *The Handbook of Drone Photography* will be the go-to manual for consumers wishing to harness the power of drones to capture stunning aerial photographs. This book covers everything one needs to choose the right drone, to get airborne, and to capture and share incredible content. With easy and straightforward instruction, the text will familiarize readers with their craft and its controls. Readers will master drones' extraordinary image-capturing capabilities and review detailed photography tips that can bring their artistic vision to life. For the first time, aerial photography is open to everyone, and award-winning travel photographer Chase Guttman will guide readers' drone ventures from beginning to end. *The Handbook of Drone Photography* can help anyone break into this thrilling, high-potential space and launch their own lofty explorations today.

Want to make something that can fly? How about a flying robot? In this book, you'll learn how drones work, how to solve some of the engineering challenges a drone presents, and how to build your own--an autonomous quadcopter that you can build, customize, and fly. Your drone will be your eyes in the sky and in places where a human could never get to--much less fit!

Interested in owning a multicopter or thinking of building one? This book shows you how to build a fully working quadcopter which can provide you with hours of enjoyment flying it. Building a multicopter is simpler than you might imagine and gives you a real sense of achievement. Whether you have never flown a multicopter before or are an enthusiast wishing to build your first one, this book will help you to build a radio controlled quadcopter that can be used for filming, racing or just having fun. There are complete instructions for two different sized quadcopters, the first is a 25cm wide version which can be used for racing and the other is 45cm wide and ideal as a camera platform - an FPV camera can be mounted to either quadcopter. It includes a complete guide to tools, materials and components required and where to find them along with step by step illustrated instructions for assembly plus a simple guide to multicopter flight principles and tips for your first flight.

Given the popularity of drones and the fact that they are easy and cheap to buy, it is generally expected that the ubiquity of drones will significantly increase within the next few years. This raises questions as to what is technologically feasible (now and in the future), what is acceptable from an ethical point of view and what is allowed from a legal point of view. Drone technology is to some extent already available and to some extent still in development. The aim and scope of this book is to map the opportunities and threats associated with the use of drones and to discuss the ethical and legal issues of the use of drones. This book provides an overview of current drone technologies and applications and of what to expect in the next few years. The question of how to regulate the use of drones in the future is addressed, by considering conditions and contents of future drone legislation and by analyzing issues surrounding privacy and safeguards that can be taken. As such, this book is valuable to scholars in several disciplines, such as law, ethics, sociology, politics and public administration, as well as to practitioners and others who may be confronted with the use of drones in their work, such as professionals working in the military, law enforcement, disaster management and infrastructure management.

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Individuals and businesses with a specific interest in drone use may also find in the nineteen contributions contained in this volume unexpected perspectives on this new field of research and innovation. Bart Custers is Associate Professor and Head of Research at eLaw, the Center for Law and Digital Technologies at Leiden University, The Netherlands. He has presented his work at international conferences in the United States, China, Japan, the Middle East and throughout Europe and has published over 80 scientific, professional and popularizing publications, including three books.

This lined notebook makes the perfect gift for quadcopter and drone pilots. 6x9 inches 110 pages Lined White paper Matte-finished cover

Drones: Mastering Flight Techniques is a complete guide to flying your drone. Created as a standalone book, it is also the natural follow on to the first book in the series Drones: The Professional Drone Pilot's Manual and was designed to support and guide you as you build on your piloting experience. Within Drones: Mastering Flight Techniques You will learn how to grow your confidence with proven and practised flight techniques that also add to and enhance your current skill-set. Within the book you will learn many flight and filming techniques, some industry specific but many that can be applied to multiple situations. There are step by step methods for the following: Numerous "reveal" shot techniques. General drone filming and photography methods. How to film moving targets with examples. Tried and tested methods for creating professional surveys, map making and 3D models- along with examples. Racing drone flight techniques. As well as a multitude of flight techniques there are also sections dedicated to good airman-ship, airworthiness, what to do in the event of a crash and weather conditions. The book also contains actual worked examples and finishes with some further tips and FAQs. As UAV/Drone Pilots it is important that we fly safely at all times, this book was written with the hopes of not only increasing your skill as a drone pilot, but also to ensure that you get the most out of your drone. Have fun and fly responsibly. Brian Halliday is a lifelong aircraft enthusiast and has been operating drones as a Commercial UAV Pilot for 5 years, maintaining, modifying and flying a wide range of UAVs. His main works include mapping natural areas and nature reserves in the name of conservation and maintenance and contributing to wildlife informational productions and projects.

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