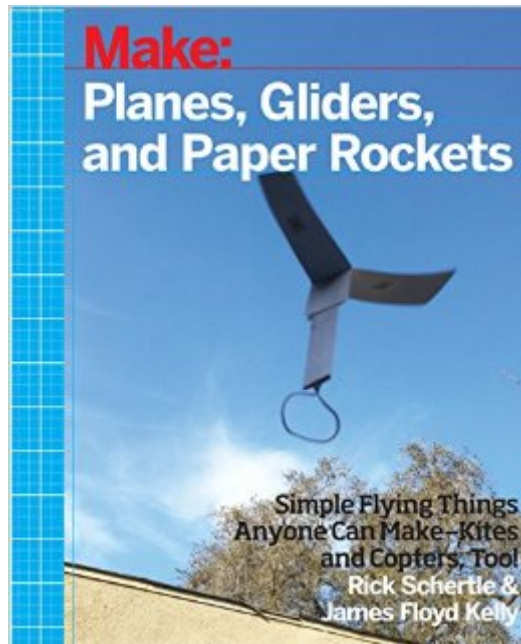


The book was found

Planes, Gliders And Paper Rockets: Simple Flying Things Anyone Can Make--Kites And Copters, Too!



Synopsis

Do helicopters need more or less energy to stay in the sky than an airplane? What pushes a rocket to leave the atmosphere? Why can airplanes have smaller motors than helicopters? Help your students learn the answers to these and other questions! Written for educators, homeschoolers, parents--and kids!--this fully illustrated book provides a fun mix of projects, discussion materials, instructions, and subjects for deeper investigation around the basics of homemade flying objects. With the projects in this book, you can spend more time learning and experimenting, and less time planning and preparing. Complete with download links to PDF templates that expand your teaching, this is your one-stop manual for learning about, interacting with, and being curious about airflow, gravity, torque, power, ballistics, pressure, and force. In *Make: Planes, Gliders, and Paper Rockets*, you'll make and experiment with: Paper catapult helicopter--add an LED light for night launches! Pull-string stick helicopter Rubber band airplane Simple sled kite 25-cent quick-build kite Air rockets with a parachute or a glider Foam air rocket Rocket stands Bounce rocket Low- and high-pressure rocket launchers

Book Information

Series: Make

Paperback: 98 pages

Publisher: Maker Media, Inc; 1 edition (November 9, 2015)

Language: English

ISBN-10: 1457187698

ISBN-13: 978-1457187698

Product Dimensions: 7.9 x 0.2 x 9.7 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #132,591 in Books (See Top 100 in Books) #15 in [Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Papercrafts](#) #28 in [Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Models](#) #54 in [Books > Children's Books > Education & Reference > Science Studies > Astronomy & Space > Aeronautics & Space](#)

Age Range: 11 - 17 years

Grade Level: 4 - 7

Customer Reviews

I wish I had found this book a few years ago when my son was younger. It would have greatly

helped established my "Dad Credentials" when he came to me with his imaginative and fun project ideas. I am somewhat handy and can make some basic things, but having Planes, Gliders and Paper Rockets around as a ready reference guide sure would have helped. That said, if you have kids who want to start "making", this is a great, fun place to start. Planes, Gliders and Paper Rockets provides several projects from paper helicopters (with optional, but cool, LED lights), Rubber band airplanes, kites, foam air rockets and more. According to the book's preface, this is the first in a series of books from Maker Media and sets a good example for the other books in the series. I'll certainly be on the lookout for more like this. Each project provides some basic discussion starters about the scientific concepts involved in each project and then moves into a careful and well illustrated step-by-step guide for building and then flying the project. All the photos are clear and well-captioned. Templates are included when useful and a complete supplies list are provided for each project. Some projects can also be purchased from Make as complete kits, ready to be assembled. Planes, Gliders and Paper Rockets would be a great book for kids and adults to work through together, over the course of several weeks or months -- growing in skills with each project. Older kids could put together many of these projects on their own, if they were looking for a place to start their own maker adventures. Of course, a book like this is could also be used in any educational environment to discuss a wide variety of engineering, aeronautical and scientific concepts.

[Download to continue reading...](#)

Planes, Gliders and Paper Rockets: Simple Flying Things Anyone Can Make--Kites and Copters, Too! Drones, UAVs and Quadcopters: The Must-Have Guidebook for Beginners and Professional Drone, UAV & Quadcopter Pilots (Flying, Making Money, Filming, Laws, ... and more!) (Drones, UAVs & Quad Copters 1) Paper Mache: The Ultimate Guide to Learning How to Make Paper Mache Sculptures, Animals, Wildlife and More! (How to Paper Mache - Paper Mache - Paper Crafts ... Mache for Beginners - Arts and Crafts) Ofelia: A Love and Rockets Book (Love and Rockets) Love And Rockets: New Stories No. 8 (Love and Rockets) Love and Rockets: New Stories No. 4 (Vol. 4) (Love and Rockets) How to Use Graphic Design to Sell Things, Explain Things, Make Things Look Better, Make People Laugh, Make People Cry, and (Every Once in a While) Change the World! Super Simple Paper Airplanes: Step-By-Step Instructions to Make Planes That Really Fly From a Tri-Plane to a Jet Fighter Planes: Fire & Rescue (Disney Planes: Fire & Rescue) (Little Golden Book) Disney Planes Little Golden Book (Disney Planes) Planes: Fire & Rescue (Disney Planes: Fire & Rescue) (Big Golden Book) Kids Can Make Money Too! : How Young People Can Succeed Financially--Over 200 Ways to Earn Money and How to Make it Grow Quick & Easy Recipes: Over

50 Simple and Delicious Vegan & Vegetarian Rice Cooker Recipes That Anyone Can Make!
Recipes for Weight Loss & Overall ... (Rice cooker Recipes - Rice Cooker Cookbook) Flying
Rubberneckers: High Flying Fun for the Airport and Plane How To Overcome Fear of Flying: The
Cure For Fear of Airplane Flights: Conquer Your Fear Flying! Kites Sail High: A Book About Verbs
(Explore!) Dragonfly Kites Asshole: How I Got Rich & Happy by Not Giving a Damn about Anyone &
How You Can, Too Twirled Paper: Make Almost Anything With Simple Paper Strips (Klutz) Sugar
Gliders: The Essential Guide to Ownership & Care for Your Pet (Sugar Glider Care) (Volume 1)

[Dmca](#)