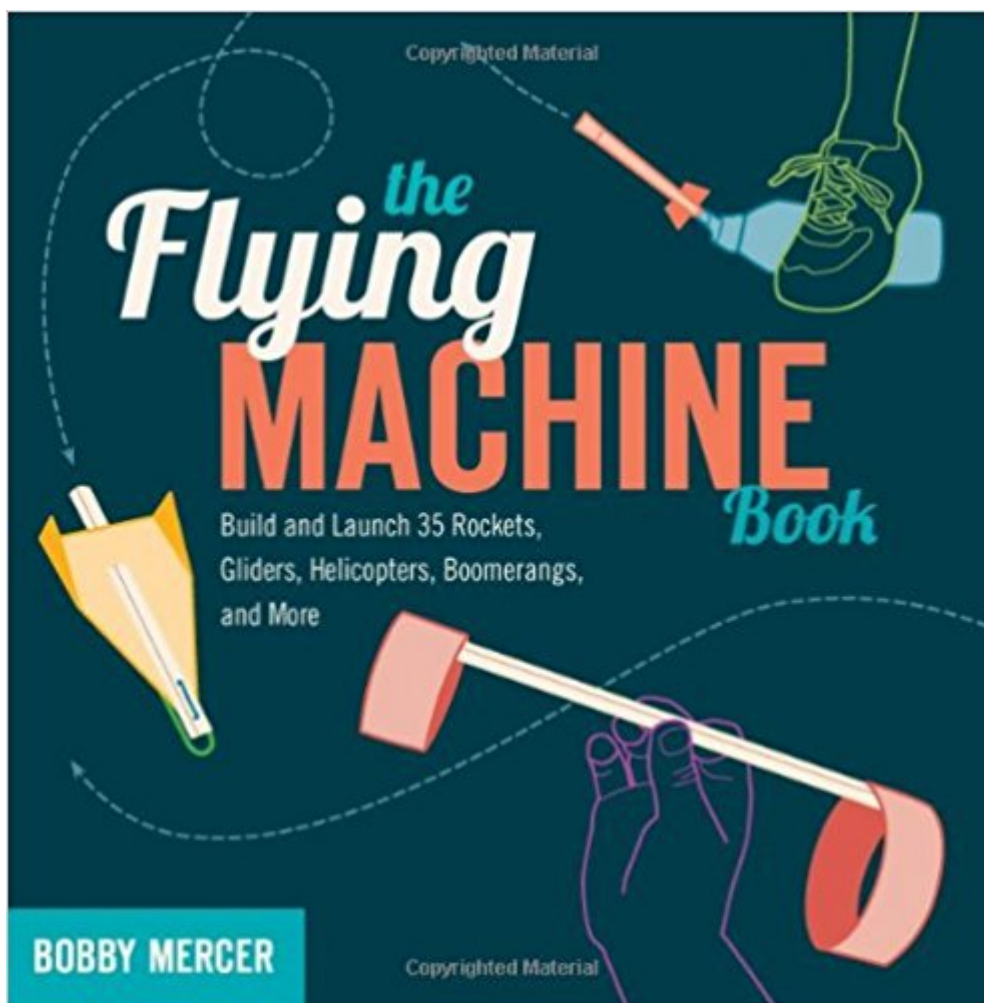




The book was found

# The Flying Machine Book: Build And Launch 35 Rockets, Gliders, Helicopters, Boomerangs, And More (Science In Motion)



## Synopsis

Calling all future Amelia Earharts and Chuck Yeagers! There's more than one way to get off the ground! The Flying Machine Book will show you how to construct 35 easy-to-build and fun-to-fly contraptions that can be used indoors or out. Better still, each of these rockets, gliders, boomerangs, launchers, and helicopters can be made for little or no cost using recycled materials. Rubber bands, paper clips, straws, plastic bottles, and index cards can all be transformed into amazing, gravity-defying flyers, from Bottle Rockets to Grape Bazookas, Plastic Zippers to Maple Key Helicopters. Each project contains a materials list and detailed step-by-step instructions with photos, as well as an explanation of the science behind the flyer. Use this information to modify and improve your designs, or explain to your teacher why throwing a paper airplane is a mini science lesson.

## Book Information

Series: Science in Motion

Paperback: 208 pages

Publisher: Chicago Review Press; Original edition (May 1, 2012)

Language: English

ISBN-10: 1613740867

ISBN-13: 978-1613740866

Product Dimensions: 8 x 0.5 x 8 inches

Shipping Weight: 14.4 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 24 customer reviews

Best Sellers Rank: #260,968 in Books (See Top 100 in Books) #9 in Books > Engineering & Transportation > Transportation > Aviation > Helicopters #82 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Toys & Models > Toymaking #108 in Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects

Age Range: 9 and up

Grade Level: 4 and up

## Customer Reviews

"Hands-on activities that encourage imaginations to soar." — Kirkus

Reviews"Easy-to-build and fun-to-fly contraptions." — Learning "Takes paper

airplanes to a whole new level." — The Buffalo News "Easy to build and fun-to-fly

contraptions." — Daily Courier "Author Bobby Mercer offers clear directions and

photographs to help kids complete the projects." – The Indiana Gazette

Bobby Mercer has been sharing the fun of free flight for over two decades as a high school physics teacher. He is the author of several science books and lives with his family outside Asheville, North Carolina.

My grandson loves all things airborne, so when I saw this book at the library I checked it out to see if there was anything in it we could make together to fly. The return deadline at my library is 3 weeks and I renewed it once. After that, I decided we would need our own copy so we can make lots of flying stuff from simple gliders to rockets and boomerangs. The instructions are fairly clear and the photographs really help. They are all B&W, however. The materials used can be found around the house so I started collecting things and putting them in a box to have ready for the next flight adventure. He's still pretty young for the science/physics explanations, but that makes the book an excellent resource for years to come. Very good explanations of lift, thrust and the other dynamics of flight. If you enjoy hands on experiences with young people, you will find this book enjoyable.

Discovered this book at the library and kept it out for as long as possible because my son could not get enough. He thinks the rockets are cool and simple to make. I had to find a copy for his own library. He is now explaining and demonstrating for his friends how to build flying machines with things found around the house; pencil, ruler, paper towel tube, plastic bottle, card stock, drinking straws, rubber bands, tape, and stapler. Too bad it is not a hard bound book. For the price, I believe it cannot be beat.

Poor quality black and white photos

Grandson has a great time with paper airplanes

Thought it would be great for spending time together and the instructions are simple and easy parts to find around the house. It also has information on how things fly so it is rather educational but maybe a bit over the head for younger children.

My 6 year old grandson is in love with this book; he even took it to bed with him! He and an adult cousin built one of the paper machines, flew it all around the living room, and then took it outside

where it landed on the roof! Best thing I could have found for him.

It's a Good Book

Great

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