



# How We Invented the Airplane: An Illustrated History (Dover Transportation)

By Orville Wright

[Download now](#)

[Read Online](#) 

## How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright

It was the realization of a dream as old as mankind. On December 17, 1903, two bicycle mechanics from Dayton, Ohio, achieved the first sustained, powered, heavier-than-air flight in a machine of their own design and construction. This book offers a concise and fascinating history of that remarkable accomplishment, much of it in the words of the inventors themselves. The heart of the book is Orville Wright's personal account, written in connection with an obscure lawsuit filed against the U.S. government. Long forgotten until a typewritten copy was discovered among the Wright papers at the Library of Congress, it is the best, most detailed account of how the Wright brothers succeeded in creating the machine that lifted man into the sky on wings.

The brothers first became interested in the problem of flight after reading about the glider experiments of Otto Lilienthal, a 19th-century German engineer.

Experimenting first with kites and gliders, they developed a revolutionary wing design that helped solve the crucial problem of maintaining lateral equilibrium. Later, they added a movable rudder that eliminated the tendency of the machine to go into a tailspin. In addition to these critical innovations, the two inventors developed new accurate tables of "lift" pressures and an original theory of air propellers. Slowly, methodically, with patience, perseverance, ingenuity, and inspired invention, they solved the problems that had defeated so many experimenters before them.

Finally, on a gusty winter day in North Carolina, the Wright brothers flew their little motor-driven biplane off the sand at Kitty Hawk (actually Kill Devil Hills) and into the pages of history. Although the first flight lasted only about 12 seconds and covered barely 120 feet, it was the first time a machine carrying a man and driven by a motor had lifted itself from the ground in controlled free flight. A new era had begun and the world would never be the same again.

The achievement of the Wright brothers is placed in historical context in the absorbing and informative introduction to this volume, written by Fred C. Kelly, author of two standard works on the Wrights. Mr. Kelly has also written an illuminating commentary, including fascinating anecdotes about the Wrights, their personalities and later aspects of their career. As an extra bonus, a lively popular account of the Wrights' success, written in 1908 by both brothers, has

been included in an Appendix. Enhanced by 76 photographs, including many rare views of the Wrights and their flying machines, this book offers a thrilling reading experience for anyone interested in aviation, its pioneers, or the mechanics of flights.

 [Download How We Invented the Airplane: An Illustrated Histo ...pdf](#)

 [Read Online How We Invented the Airplane: An Illustrated His ...pdf](#)

# How We Invented the Airplane: An Illustrated History (Dover Transportation)

By Orville Wright

## How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright

It was the realization of a dream as old as mankind. On December 17, 1903, two bicycle mechanics from Dayton, Ohio, achieved the first sustained, powered, heavier-than-air flight in a machine of their own design and construction. This book offers a concise and fascinating history of that remarkable accomplishment, much of it in the words of the inventors themselves. The heart of the book is Orville Wright's personal account, written in connection with an obscure lawsuit filed against the U.S. government. Long forgotten until a typewritten copy was discovered among the Wright papers at the Library of Congress, it is the best, most detailed account of how the Wright brothers succeeded in creating the machine that lifted man into the sky on wings.

The brothers first became interested in the problem of flight after reading about the glider experiments of Otto Lilienthal, a 19th-century German engineer. Experimenting first with kites and gliders, they developed a revolutionary wing design that helped solve the crucial problem of maintaining lateral equilibrium. Later, they added a movable rudder that eliminated the tendency of the machine to go into a tailspin. In addition to these critical innovations, the two inventors developed new accurate tables of "lift" pressures and an original theory of air propellers. Slowly, methodically, with patience, perseverance, ingenuity, and inspired invention, they solved the problems that had defeated so many experimenters before them.

Finally, on a gusty winter day in North Carolina, the Wright brothers flew their little motor-driven biplane off the sand at Kitty Hawk (actually Kill Devil Hills) and into the pages of history. Although the first flight lasted only about 12 seconds and covered barely 120 feet, it was the first time a machine carrying a man and driven by a motor had lifted itself from the ground in controlled free flight. A new era had begun and the world would never be the same again.

The achievement of the Wright brothers is placed in historical context in the absorbing and informative introduction to this volume, written by Fred C. Kelly, author of two standard works on the Wrights. Mr. Kelly has also written an illuminating commentary, including fascinating anecdotes about the Wrights, their personalities and later aspects of their career. As an extra bonus, a lively popular account of the Wrights' success, written in 1908 by both brothers, has been included in an Appendix. Enhanced by 76 photographs, including many rare views of the Wrights and their flying machines, this book offers a thrilling reading experience for anyone interested in aviation, its pioneers, or the mechanics of flight.

## How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright Bibliography

- Sales Rank: #890705 in Books
- Published on: 1988-06-01
- Released on: 1988-06-01
- Original language: English
- Number of items: 1

- Dimensions: 10.98" h x .24" w x 8.24" l, .69 pounds
- Binding: Paperback
- 96 pages

 [Download How We Invented the Airplane: An Illustrated Histo ...pdf](#)

 [Read Online How We Invented the Airplane: An Illustrated His ...pdf](#)

## **Download and Read Free Online How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright**

---

### **Editorial Review**

### **Users Review**

#### **From reader reviews:**

##### **Joshua Arwood:**

Hey guys, do you desire to find a new book you just read? May be the book with the name How We Invented the Airplane: An Illustrated History (Dover Transportation) suitable to you? The particular book was written by well-known writer in this era. The actual book untitled How We Invented the Airplane: An Illustrated History (Dover Transportation) is the one of several books that everyone read now. That book was inspired many men and women in the world. When you read this guide you will enter the new way of measuring that you ever know prior to. The author explained their concept in the simple way, therefore all of people can easily understand the core of this e-book. This book will give you a lot of information about this world now. So you can see the represented of the world in this particular book.

##### **Annetta Doucette:**

The reserve untitled How We Invented the Airplane: An Illustrated History (Dover Transportation) is the guide that recommended to you to study. You can see the quality of the e-book content that will be shown to an individual. The language that publisher use to explained their way of doing something is easily to understand. The copy writer was did a lot of analysis when write the book, therefore the information that they share to your account is absolutely accurate. You also will get the e-book of How We Invented the Airplane: An Illustrated History (Dover Transportation) from the publisher to make you considerably more enjoy free time.

##### **Christine Emmons:**

Do you like reading a guide? Confuse to looking for your preferred book? Or your book ended up being rare? Why so many concern for the book? But any kind of people feel that they enjoy with regard to reading. Some people likes examining, not only science book but also novel and How We Invented the Airplane: An Illustrated History (Dover Transportation) as well as others sources were given know-how for you. After you know how the good a book, you feel desire to read more and more. Science e-book was created for teacher or maybe students especially. Those books are helping them to bring their knowledge. In additional case, beside science guide, any other book likes How We Invented the Airplane: An Illustrated History (Dover Transportation) to make your spare time more colorful. Many types of book like this.

##### **Rachel Morris:**

Reserve is one of source of knowledge. We can add our know-how from it. Not only for students but

additionally native or citizen require book to know the change information of year to be able to year. As we know those books have many advantages. Beside we all add our knowledge, could also bring us to around the world. By the book How We Invented the Airplane: An Illustrated History (Dover Transportation) we can take more advantage. Don't someone to be creative people? To become creative person must choose to read a book. Only choose the best book that suitable with your aim. Don't become doubt to change your life at this time book How We Invented the Airplane: An Illustrated History (Dover Transportation). You can more pleasing than now.

**Download and Read Online How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright #JTAI7B0C9RL**

# **Read How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright for online ebook**

How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright books to read online.

## **Online How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright ebook PDF download**

**How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright Doc**

**How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright MobiPocket**

**How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright EPub**

**JTAI7B0C9RL: How We Invented the Airplane: An Illustrated History (Dover Transportation) By Orville Wright**