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Salem Press Announces the newest Volume in The *Principles of Science* Series, *Aeronautics*

Salem Press is pleased to add *Principles of Aeronautics* to its well-established *Principles of Science* series. This resource introduces students and researchers to the fundamentals of aeronautics using easy-to-understand language, to provide a solid background, and help readers develop a deeper understanding and appreciation of this important and evolving subject.

This new resource explores the art and science of flight. Readers will gain a solid grounding in the history of flight, major events and individuals associated with flying, and the physics that makes flight possible.

Principles of Aeronautics includes 155 entries arranged in A to Z order to help make finding a topic of interest easy. Entries related to basic principles and concepts include a list of the Fields of Study covered by the article; an Abstract that provides a brief, concrete summary of the topic and its significance; a list of Key Concepts with definitions, important to a proper understanding of the topic; and a detailed Essay that provides extensive background on the topic and explores its significance to the field of sports medicine and exercise science; and a list of Further Reading for those who wish to pursue the topic in more depth.

Entries in *Principles of Aeronautics* range from one to five pages in length. Topics discussed include:

- Advanced Propulsion
- Aircraft Icing
- Contrails
- Nutrition
- Leonardo da Vinci
- Amelia Earhart
- Glider Planes
- Hot-Air Balloons
- Otto Lilienthal
- Military Aircraft
- NASA
- Parachutes
- Spacecraft Engineering
- Tail Designs
- Turboprops
- Wake Turbulence

This volume also includes several helpful appendixes, including:

- A Glossary that defines all the key specialized terms used throughout the book

- A comprehensive list of Further Reading, comprising all the works that the authors drew upon in writing their articles as well as subjects for further study
- A Subject Index, that offers multiple points of entry for the reader

With 155 essays, this new volume will give readers an overview of the major concepts and contemporary issues surrounding the study of aeronautics. Designed for students and researchers, this volume provides a fitting entry into a better understanding of this interesting yet complex subject of aeronautics. This will be a helpful addition to science programs at the high school, community college, and university levels, and is a must for students with an interest in aeronautics at the high school and undergraduate levels.

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Principles of Aeronautics

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