



ALTERNATIVE ENGINES

This is a compilation of the "Contact" magazine articles written by Mick Myal on conversion of auto engines. Also contains important information and solutions for cooling, ignition redundancy and the selection of components. Well written with many helpful ideas. Filled with specifications, pictures and diagrams. An essential book to anyone converting an auto engineP/N 13-00398



CONVERTING AUTO ENGINES FOR EXPERIMENTAL AIRCRAFT

The single most expensive part on an aircraft is a certified aircraft engine. This book helps eliminate this high cost of building your own aircraft. It's also the most out of date part. FAA and legal restrictions slow development in this field to a snails pace, while automotive technology has raced ahead. Auto engine conversions are becoming more and more popular, and this book explains what it takes to do it yourself. P/N 13-21965



ASA AVIATION INSTRUCTOR'S HANDBOOK

Written by the FAA. Includes principles of teaching and learning, with extensive details on how to pass along aeronautical knowledge and skills. Experienced aviation instructors will also find the information useful for improving their effectiveness in training activities. 152 pages, glossary, index. P/N 13-19380



SHARPEAERO FLIGHT TRAINING BOOK FOR CANADIAN PILOTS

Say hello to Flight Training, the successor of our previously-titled book, Flight Instruction Handbook. This book is now intended for both student pilots to prepare for each flight exercise, and for flight instructors to use as reference materials for their lesson plans. Its significant improvements offer the best flight training content for in-flight preparation that the Canadian market has to offer. P/N 13-24359



SHARPEAERO NIGHT RATING BOOK FOR CANADIAN PILOTS

Say hello to Night Rating, the successor of our previously-titled book, Night Rating Handbook. This book features minor updates from the previous edition, and an updated design. It provides Canadian pilots-in-training and flight instructors with an all-in-one, comprehensive guide that outlines the practical aspects of flying at night in preparation for obtaining a night rating.P/N 13-24360



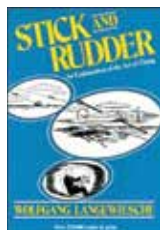
INTRODUCTION TO FLY-BY-WIRE FLIGHT CONTROL SYSTEMS

Introduction to Fly-by-Wire Flight Control Systems: The professional pilot's guide to understanding modern aircraft controls is the #1 guide to understanding the "why and how" of fly-by-wire flight control systems. This book is an approachable and easily understandable must-read for aviation professionals. E-BookP/N 13-24005PaperbackP/N 13-24006

ASA AN AVIATOR'S FIELD GUIDE TO THE PILOT CAREER PATH



Have you dreamed of flying professionally since you were old enough to spy a jet crossing the sky? The path to a pilot career can be rigorous and expensive, but fortunately, you have a knowledgeable advisor to help you get started and keep you on the right track. Aviation writer, instructor, and FAA Designated Pilot Examiner Jason Blair brings his familiarity with the training environment, his understanding of airline hiring practices, and many specific details of the training process to An Aviator's Field Guide to the Pilot Career Path. SoftcoverP/N 13-26042eBookP/N 13-26042-EBeBook PDFP/N 13-26042-PD



STICK AND RUDDER

Because the basics are largely unchanging, the book therefore is applicable to large airplanes and small, old airplanes and new, and is of interest not only to the learner but also to the accomplished pilot and to the instructor himself. When Stick and Rudder first came out, some of its contents were considered highly controversial. In recent years its formulations have become widely accepted. Pilots and flight instructors have found that the book works. Today several excellent manuals offer the pilot accurate and valuable technical information. But Stick and Rudder remains the leading think-book on the art of flying. One thorough reading of it is the equivalent of many hours of practice.....P/N 13-26400



FLYING & GLIDER MANUALS

Edited reprints of the original "Building and Flying Manuals" published from 1929 to 1933 by Modern Mechanix and Inventions. 70 pages each.

1929 FLYING & GLIDING MANUAL - Contains information on flight lessons plus building the Heath Super Parasol, Russell-Henderson Light Monoplane and an easy to build glider.P/N 13-40600

1930 FLYING & GLIDING MANUAL - Plans for building a Heath Baby Bullet, set of light plane metal floats, building the Northrop Glider, Lincoln Biplane, Alco Sportplane, plus other tips on building and welding. P/N 13-40605

1931 FLYING & GLIDING MANUAL - Building the "Longster," Georgias Special, a glider and secondary glider, Driggs Dart, the Church Midwing, the Heath Seaplane Parasol and its pontoons, the Northrop Glider and other gliders.P/N 13-40610

1932 FLYING AND GLIDER MANUAL - Building the Pietenpol Aircamper with Ford motor conversion, Powell "P-H" Racer, the Heath Super Soar Glider, Penguin practice plane, Ramsey "flying bathtub" and other kits. Also, build your own hangar.P/N 13-40615

1933 FLYING & GLIDING MANUAL - Building the Gere Sport Biplane, Pietenpol Floats, Pietenpol Sky Scout, and Henderson Longster, Also Long Harlequin motor plans, a hydroglider and information on building propellers.P/N 13-40620



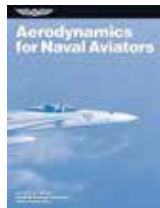
ASA HELICOPTER FLYING HANDBOOK

This is the FAA's primary resource for helicopter operations knowledge; it is essential reading for applicants preparing for knowledge exams with a helicopter class rating. This is the FAA's primary resource for helicopter operations knowledge; it is essential reading for applicants preparing for the exams for private, commercial, or flight instructor pilot certificates with a helicopter class rating. BookP/N 13-00735E-BookP/N 13-05892



ASA HELICOPTER MANUEVERS MANUAL

This maneuvers manual helps pilots visualize concepts learned in flight training and incorporate the Practical Test Standards into every maneuver. The full-color illustrations and textual explanations work in conjunction with an instructor's lessons, and facilitate effective preflight and postflight briefings. Applicable to all helicopter models, the book also features tips for the popular Robinson R22. This book is an essential tool for any flight bag!P/N 13-18467



AERODYNAMICS FOR NAVAL AVIATORS

This textbook presents the elements of applied aerodynamics and aeronautical engineering which relate directly to flight training and general flight operations. Originally published by the U.S. Navy. 432 pages. P/N 13-01060



ASA THE KILLING ZONE - AIRPLANE ACCIDENTS AND LESSONS FOR SURVIVAL - THIRD EDITION

The Killing Zone provides pilots with an invaluable understanding of how and why aviation accidents occur and how to improve their margin of safety while flying. Author Paul Craig leveraged his knowledge as a flight instructor and researcher to analyze National Transportation Safety Board (NTSB) accident reports with the goal of helping prevent accidents that injure or kill pilots and their passengers. His examination of 40 years of accident data found that pilots are at the greatest risk of being involved in an airplane accident when they have between 50 and 350 flight hours—what Craig calls the Killing Zone. SoftcoverP/N 13-26471eBookP/N 13-26471-EBeBook PDFP/N 13-26471-PD