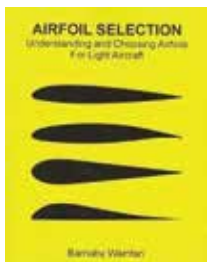


SHEET METAL HANDBOOK

Detailed information on how to form and shape sheet metal for competition, custom or restoration use. Chapters include hammer forming tools, terms and equipment, riveting techniques, layout, design and pattern-making. A great companion to the Metal Fabricator's Handbook. Author: Ron and Sue Fournier
Pages: 144P/N 13-06720



AIRFOIL SELECTION

The articles are reproduced here as they appeared in the magazine with the exception of minor corrections and reformatting. The purpose of the book is to provide the reader with a basic understanding of airfoil geometry and how that geometry affects the aerodynamics of an airfoil and the characteristics of an airplane using that airfoil.....P/N 13-18700



GA AIRFOILS

(Harry Riblett) – This book is a critical study of the NACA airfoil design work addressing errors and omissions of the NACA work and correcting NACA airfoils where needed. This is a comprehensive catalog of airfoils designed for general aviation use. Also included are sections on general wing design, including planform, wing tips, root stakes, aircraft performance and stability, and more. 136 pages.
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When low on fuel, what speed should you fly the aircraft maximum distance per gallon of fuel? When circling an airport waiting for the ground fog to clear so you can land, what speed should you fly the aircraft for maximum time per gallon of fuel? When taking off, what speed should you fly the aircraft to get the maximum angle of climb

to clear high obstacles? This book gives the answers to those questions. Also other critical speeds are given plus how to fly to use less fuel. Each order includes a placard to use to note your aircraft's critical speeds.
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SKY POLARIS - A RECORD-BREAKING GLOBAL FLIGHT

Miguel Angel Gordillo is the first man who circumnavigated the earth over both poles in a homebuilt aircraft under 1750 kg. In 2016 he covered 41,000 nm in two legs in the shape of an eight at extreme flight conditions over desert, jungle, mountains, ocean and ice. This earned him the world record of the Federation Aeronautique Internationale (FAI).

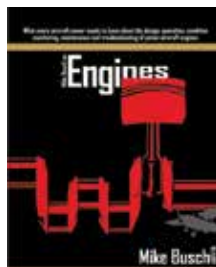
The scientific, aeronautical and personal challenges, experience and encounters on his flight over both poles provided the extraordinary

material for this book to document the uniqueness of his world record in words and picturesP/N 13-24482



POWERING YOUR PLANE

"Powering Your Plane" by Dave Prizio is a book that will help readers correctly install a Lycoming-type engine. It covers each step of the engine installation process, including selecting an engine for your project, firewall construction, plumbing, electrical, preparing for your first engine start, and more. By focusing just on Lycoming and similar engines, such as those by Superior and Continental ECI, the author is able to go into great detail about the types of engine installations that most builders use.
P/N 13-20977



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Mike Busch on Engines: What every aircraft owner needs to know about the design, operation, condition monitoring, maintenance and troubleshooting of piston aircraft engines.

"The risk of engine failure is greatest when your engine is young, NOT when it's old. You should worry more about pediatrics than geriatrics." —Mike Busch A&P/IA

Mike Busch on Engines expands the iconic philosophy of his groundbreaking first book Manifesto to the design, operation, condition monitoring, maintenance and trouble-

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If you want your engine to live long and prosper, you need this book.
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MIKE BUSCH MANIFESTO FOR GENERAL AVIATION MAINTENANCE

"Manifesto" is the much-anticipated first book from renowned aviation columnist and speaker Mike Busch. Written in typical no-nonsense style, it lays out the basis of Mike's "minimalist" maintenance philosophy for owner-flown general aviation aircraft. An owner who follows the book's guidance can save a small fortune on maintenance costs and end up with a safer, more reliable aircraft.

Owners are advised to perform the absolute least amount of maintenance required to make their aircraft safe, reliable and legal... and nothing more. The book explains in detail why engine and propeller TBOs and most other maintenance intervals should be disregarded.

manufacturer-prescribed And "Manifesto" explains exactly how to do it.

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MIKE BUSCH AIRPLANE OWNERSHIP - VOLUME 1

Mike Busch on Airplane Ownership is the much-awaited sequel to his previous books Manifesto and Engines. In this two-volume set, Busch distills his wisdom from his more than 50 years as an aircraft owner. He brings his refreshingly commonsense and often outside-the-box approach to every aspect of owning and operating a general aviation aircraft.

Volume 1 covers selecting, purchasing, insuring, and maintaining an aircraft. Busch emphasizes that it is the aircraft owner—not his mechanics—

who bears the regulatory responsibility for airworthiness. He discusses how to choose the right mechanic or shop and how to manage the maintenance they perform. Busch dissects the much-dreaded annual inspection, and how owners can keep it from spiraling out of control. He offers guidance about the all-important post-maintenance test flight, and how to deal with an owner's worst nightmare: a mechanical breakdown far from home.

P/N 13-22238



MIKE BUSCH ON AIRPLANE OWNERSHIP - VOLUME 2

Mike Busch on Airplane Ownership is the much-awaited sequel to his previous books Manifesto and Engines. In this two-volume set, Busch distills his wisdom from his more than 50 years as an aircraft owner. He brings his refreshingly commonsense and often outside-the-box approach to every aspect of owning and operating a general aviation aircraft.

Volume 2 covers the rules and regulations that every aircraft owner needs to know but is often not taught. It discusses owner-performed

maintenance, troubleshooting techniques, aircraft modifications, twins, and resolving owner/mechanic disputes. It takes the reader on a guided tour through the various aircraft systems, discussing the operation, care and feeding of each one. It offers guidance on how to fly safely and efficiently, including leaning techniques, air-speed and altitude selection, and more. The volume concludes with Busch's thoughts about the future of owner-flown general aviation and where we're headed.

P/N 13-23280