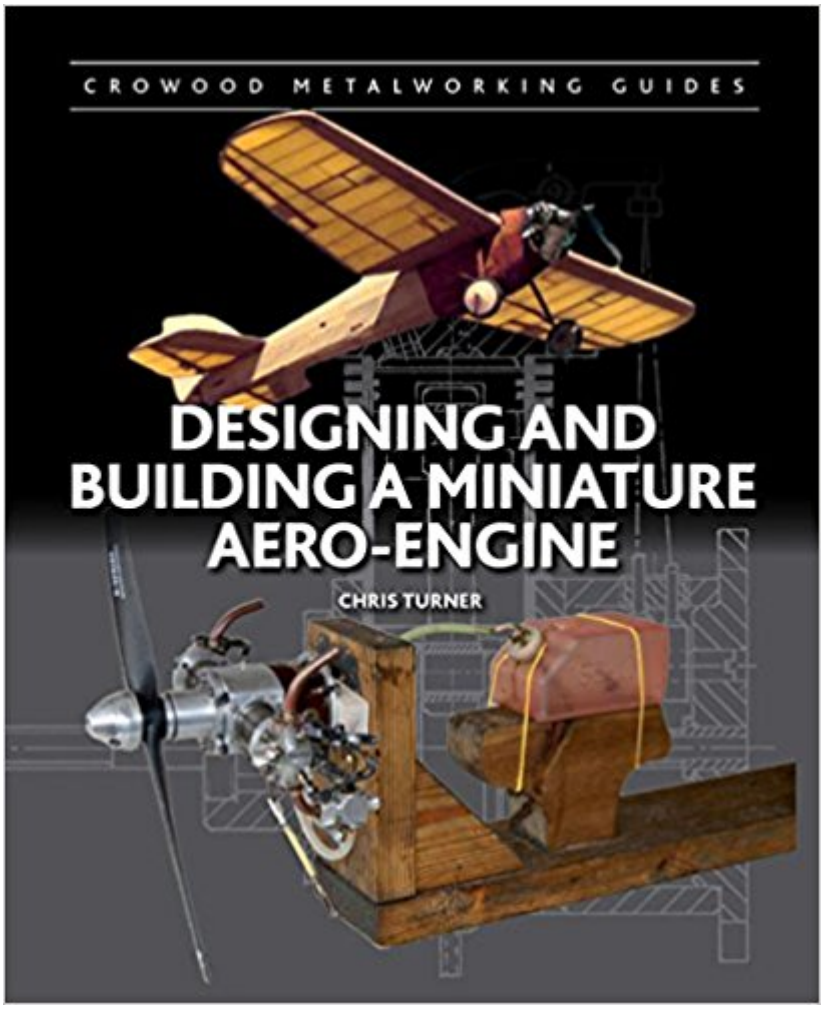
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Designing And Building A Miniature Aero-Engine (Crowood Metalworking Guides)



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Synopsis

Aimed at home metalworkers, engineers, hobbyists aero-engine builders, and airplane enthusiasts, this guide offers instructionsÃ Â on how to build a miniature aero-engine Designing and building a miniature aero-engine is an exciting and rewarding task. Whether a professional engineer or an amateur looking to build an engine to fly your model airplane, this book will safely guide you through all the stages of designing and constructing an aero-engine at home. With practical advice and detailed diagrams throughout, the book includes information on the machine tools, materials, and accessories required, and details on designing the engine, including a focus on proportion, valve timing, and engine balancing. There is also information on the manufacture of carburetors, assembly, and setting up, as well as how to choose an aircraft for a home-designed miniature engine.

Book Information

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Customer Reviews

Chris TurnerÃ Â has worked as a draughtsman in private industry, a chief engineer for the design and development of special purpose machinery, and hasÃ Â taught technical studies and art.

While this book didn’t give specific plans to build an engine it still had some good info in it. The section on tooling and jigs have me some good ideas, as well as some of the figures given in relation to bore and stroke. If you’re looking for a book to tell you how to build an engine this isn’t it,

but if you have a good understanding of IC engines you will get something out of this book.

Turner present a excellent design rules with proportions and scale drawing of the miniature engine. Also he gives the method of construction easy to follow.

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