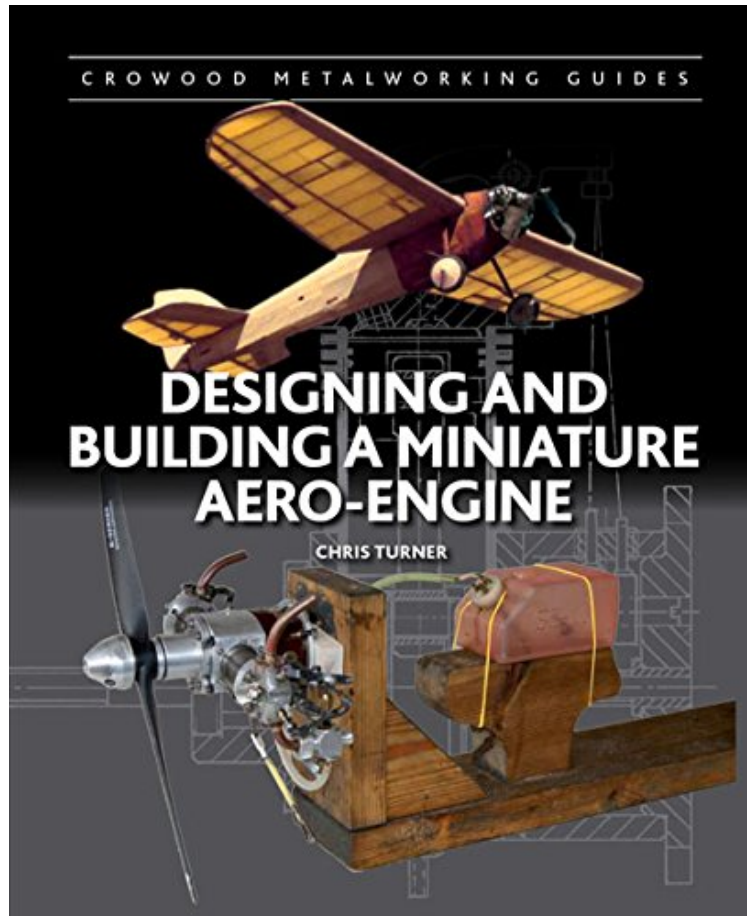


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## Designing and Building a Miniature Aero-Engine (Crowood Metalworking Guides)

*Chris Turner*

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#1527268 in Books imusti 2015-04-01Original language:EnglishPDF # 1 10.30 x .50 x 8.60l, .0 #File Name: 1847977766112 pagesCrowood Press UK | File size: 74.Mb

**Chris Turner : Designing and Building a Miniature Aero-Engine (Crowood Metalworking Guides)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Designing and Building a Miniature Aero-Engine (Crowood Metalworking Guides):

4 of 4 people found the following review helpful. Good general informationBy jessica sandovalWhile 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.1 of 1 people found the following review helpful. I enjoy read TurneBy Roberto A. FajardoTurner present a excellent design rules with proportions and scale drawing of the miniature engine. Also he gives the method of construction easy to follow.

Aimed at home metalworkers, engineers, hobbyists aero-engine builders, and airplane enthusiasts, this guide offers instructions 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.

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