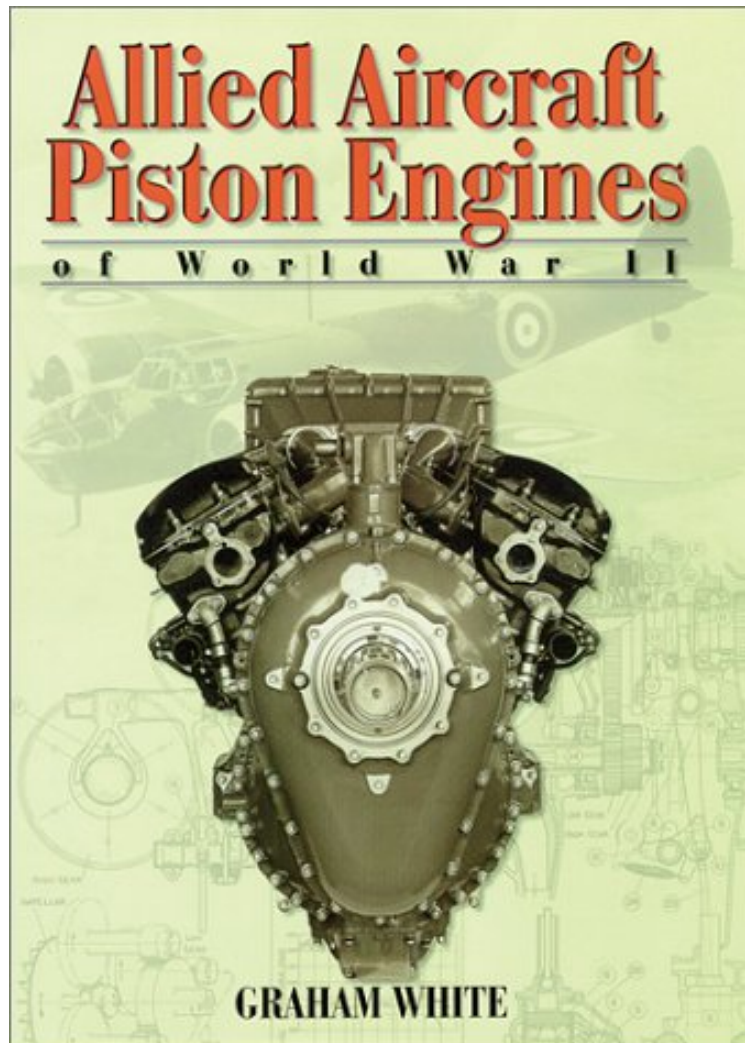


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Allied Aircraft Piston Engines of World War II: History and Development of Frontline Aircraft Piston Engines Produced by Great Britain and the united (Premiere Series Books)

Graham White

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Graham White : Allied Aircraft Piston Engines of World War II: History and Development of Frontline Aircraft Piston Engines Produced by Great Britain and the united (Premiere Series Books) before purchasing it in order to gage whether or not it would be worth my time, and all praised Allied Aircraft Piston Engines of World War II: History and Development of Frontline Aircraft Piston Engines Produced by Great Britain and the united (Premiere Series Books):

1 of 1 people found the following review helpful. An excellent resource. By Warren Karr I purchased this used and it arrived promptly and in good condition. An excellent resource if you are a fan of this sort of thing but while well written it wouldn't be considered a "page turner". Fairly narrow in scope with major focus on the RR Merlin and Pratt and Whitney R2800 and selected others. Written for a layman with some prior knowledge on the topic. I found it to be well worth the investment of time and money. 31 of 32 people found the following review helpful. A great book for an engine or aircraft buff. By A Customer The title of the book says it all. This is a richly detailed book describing the development and internal workings of the Allied aircraft piston engines of World War II. It was not written for the novice - an underlying understanding of how internal combustion engines work is required, as well as some historical background on the aircraft the engines were used in. With this in mind, the book serves as a rich dessert for anyone interested in either piston engines or World War II military aircraft. Besides the fine technological details and engineering drawings, the book goes into the details of how the mating of certain engines with certain airframes resulted in aircraft with a certain look or performance (or, sometimes, underperformance). For example, the P-38's did not do as well in Europe as they did in the Pacific, mainly because of the Army's insistence on keeping the Allison engine with its troublesome turbosupercharger instead of switching to the Merlin engine. The Army's obsession with the turbosupercharger also resulted in the oversized P-47. The P-51 happened almost by accident - it was the result of a private design by North American and a field modification by the RAF - mating a perfect airframe with the better Merlin engine. Although it was eventually ordered by the thousands by the US Army Air Force, it was never written into any official specs. I would have liked to have seen a companion section (however brief) on German and Japanese aircraft engines as well. 1 of 1 people found the following review helpful. Covers all the major players! By L. Brennan Oh yes, this was good! It covered many areas, collates information from all the usual sources plus some truly insightful comments. If you have been wading through all the standard efforts, they tend to be a little one-sided. This effort covers most of the major players and gives a fair evaluation of each. I suppose the thing I'd really have wished for would be more on the personalities. Still, a definitely valuable addition to the bookshelf!

Illuminates some of the historically significant technical developments that were incorporated into World War II aircraft engines that directly contributed to the execution and tactics of the war. Engines detailed in the book include those from these manufacturers: Rolls-Royce; Bristol, Napier; General Electric; Pratt and Whitney; Allison; and Wright Aeronautical Corporation.

"Definitive books on the subject seem to appear about once in a generation. This is one of those." -- SpaceNews "Everything you need to know about the aero-engines that won the war between the covers of one volume." -- Rolls-Royce Heritage Trust "Provides a fascinating look at the development of all the great aircraft piston engines." -- Air Fan International About the Author Though born in England, Graham White has spent most of his life in the USA. A mechanical engineer by profession, White now negotiates and writes contracts for IBM. White has had a lifelong interest in aviation and its history, and in particular, the piston engines of World War II. He has collected and restored several of these engines to exhibition condition and working order in his own workshops. He is also an avid collector of the classics of engineering and aviation literature, and an active member of the Society of Automotive Engineers.