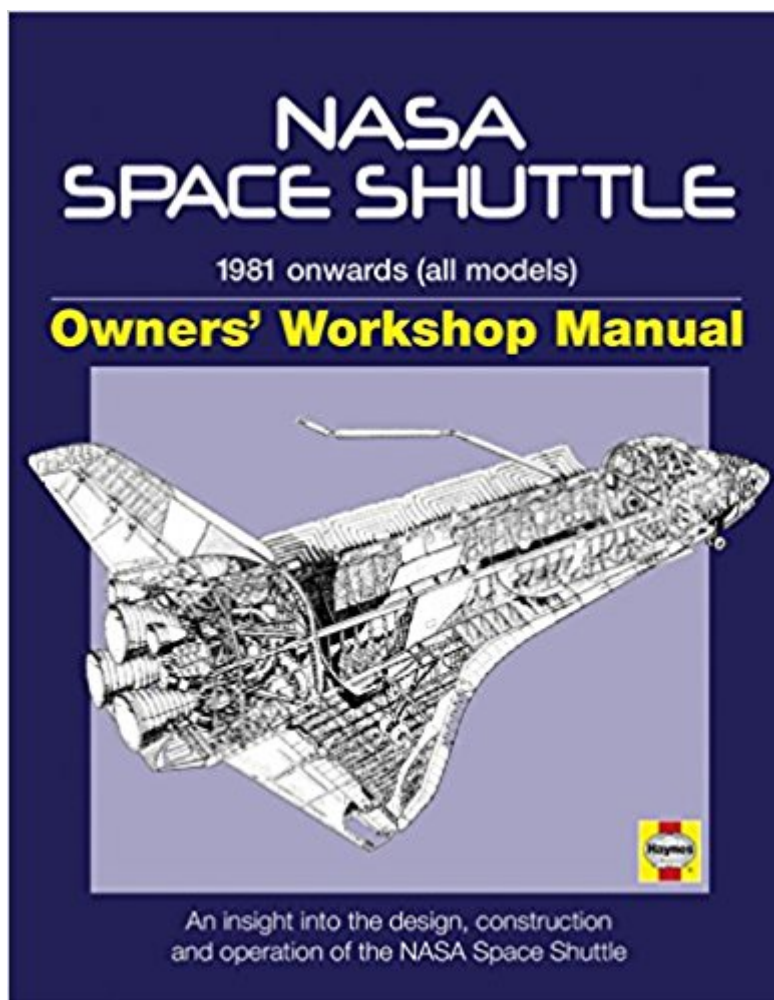




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# NASA Space Shuttle Manual: An Insight Into The Design, Construction And Operation Of The NASA Space Shuttle



## Synopsis

Designed between 1969 and 1972 and first flown into space in 1981, the NASA Shuttle will have flown almost 140 missions by the time it is retired in 2011. David Baker describes the origin of the reusable launch vehicle concept during the 1960s, its evolution into a viable flying machine in the early 1970s, and its subsequent design, engineering, construction, and operation. The Shuttle's internal layout and systems are explained, including the operation of life support, electrical-power production, cooling, propulsion, flight control, communications, landing, and avionics systems.

## Book Information

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## Customer Reviews

Cybermodeler.com "While the Shuttles will no-doubt end up in museums, you will never see them in their complete settings ever again and titles like this will be very useful in looking back into the history and higher-level details of this unique spacecraft. This is a nicely written title with great photography that will interest space enthusiasts as well as modelers who are looking for some good views in and around the Space Shuttle. Definitely recommended!" Universe Today.com "With modern imagery and text reflective of the program's long history, [NASA Space Shuttle Owners' Workshop Manual] encapsulates all of the accomplishments that the vehicle's design allowed to become a reality...well worth the price." *FLYING MODELS* "More than 250 photographs and technical illustrations complement the authoritative text, giving insight into this marvel of space-age technology." INTERNATIONAL PLASTIC MODELERS SOCIETY USA "This volume is definitely a must have for anybody interested in the Shuttle program or seriously building a

model of one of these legendary machines. Outstanding!" Â

David Baker joined the U.S. space program during the Apollo years and later worked on the development of NASA's Space Shuttle. He has written widely on the spaceflight technology and is the editor of Aviation News.

Its fine as a general history book on the shuttle. Buy why is it a Haynes manual, there is virtually no technical details on anything. The much older book, Space Shuttle Operators Manual is much better in that regard, but is from before the glass cockpit redesign.

While it is a well-balanced overview of all of the Shuttle's various systems, other similar books have been published previously and this one contains nothing "better" than they do. If you do currently own a "Space Shuttle for Dummies" book, this is a good pick. However, if you are looking for a more in-depth, detailed look at Shuttle systems, you will be disappointed.

If you are fascinated by space and engineering, this book is for you. The insider information on the space shuttle design, the program and explanations of the challenges encountered, make this book hard to put down. Sometimes I became so fascinated by what I was reading I wanted more detail than the book offered, but there is still a wealth of knowledge and it is written well. The graphics are not sufficiently detailed or of poor quality in some cases. Overall a wonderful addition to the library.

My husband and I just came back from visiting the Space Shuttle Enterprise on display at Intrepid Museum - this book just caps that amazing experience. My husband loves it and cannot get enough of the technical details discussed and illustrated beautifully in this book.

This book is so cool! Lots of interesting illustrations and photos. Perfect for anyone who has an interest in shuttle history.

Not an actual shop manual.(joke) An awesome book for any space nut. People always love looking at it

I bought this book in the hopes it would 'tear apart' the space shuttle in terms of its many different components and the basics of how they all work. I wanted to see all the little technical details and

acronyms. I expected something along the lines of a Star Trek Technical Manual or even an auto repair manual with all the components ripped apart. Unfortunately, the majority of the book is history, with brief technical sections sprinkled throughout the book. Not that this is a bad thing, as the information contained within is a great read. I was simply hoping for more technical stuff. Engineering type stuff. You know, Haynes Manual type stuff.

The NASA Space Shuttle Manual, exceeded my expectations. It provides the processes which NASA designers and engineers followed to assemble this amazing machine. They were faced with many problems, which they overcame.

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