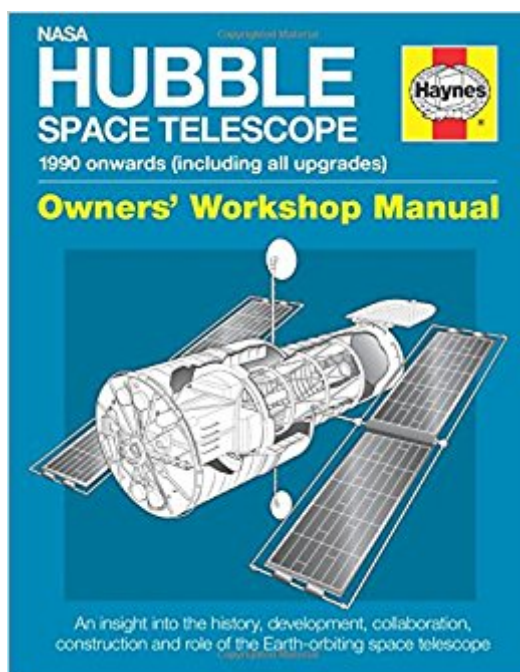


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# NASA Hubble Space Telescope - 1990 Onwards (including All Upgrades): An Insight Into The History, Development, Collaboration, Construction And Role Of ... Space Telescope (Owners' Workshop Manual)



## Synopsis

The Hubble Space Telescope is an international venture primarily between the USA and Europe. More than any other space project, Hubble has encouraged an expanding interest in popular astronomy. With stunning views of the cosmos, it has inspired a new generation of enthusiasts to study the night sky through simple telescopes or in books. As such it has linked space technology with popular interest in astronomy and has thrilled specialists and the lay public alike.

## Book Information

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## Customer Reviews

Dr. David Baker worked with NASA on the Gemini, Apollo and Shuttle programmes between 1965 and 1990. He has written more than 80 books on spaceflight technology and is the author of the Haynes' NASA Space Shuttle Manual, International Space Station Manual, NASA Mars Rovers Manual, Apollo 13 Manual, Soyuz Manual, Rocket Manual and forthcoming Hubble Space Telescope Manual. He lives in East Sussex.

I have a few of these in the space series. I always get funny looks and the question, "Do you have your own Hubble you need the oil changed on?" I wanted more of a scientific publication, the inner workings of the platform, how the components fit into the bus, the rocket that put this guy in orbit, how the transmission back to NASA works. In some areas I was disappointed, but the book overall is what I was expecting and I would recommend to colleagues. I think that this book is the middle of

the road for what the engineer/aerospace geek and layperson want.

This book has a really nice historic look at the hubble. It has illustrations and photos of the telescope, history on it's maintenance. etc. Very interesting read.

It's a little dry to read.

Great book...and wonderful addition to any Aerospace library.

Very informative books on subject.Highly recommend it

Almost to much details but great images and story about what man can do and screw up

This is truly a masterpiece book about the Hubble spec telescope. After reading this, I now understood why it failed to perform in the first place until our Space Shuttle "Maytag" repairmen fixed it. It's a great book and you'll find it very interesting enough to keep you awake.

It seems like a whole slew of books are being published to commemorate the 25th anniversary of the launch of the Hubble Space Telescope, and I'm not shocked to see Haynes jumping on the bandwagon. After the slightly disappointing Rocket manual published earlier this year, I'm happy to say that this "manual" is one of the nicest Haynes has published in some time. Although there are plenty of beautiful coffee table books of Hubble imagery out there, this one does an excellent job describing what a sophisticated and groundbreaking spacecraft it truly is. There are no fluffy asides or exciting personal stories to be found here. This is a straight-up technical reference, for people wanting to know how a High Speed Photometer works, or care what a "SI C&DH" or "RMGA" does. Despite being only 181 pages long, literally no stone seems to have been left unturned. All of the spacecraft's major components, important systems, and scientific instruments are described in fairly in-depth technical detail, accompanied by detailed schematics and color photographs. Each of the five servicing missions are covered, with descriptions of the new components delivered to the telescope, and of each EVA. These sections also include some very nice color photographs of the telescope and of astronauts servicing it in the Shuttle's payload bay. Rounding out the technical material is a brief biography of Edwin Hubble, and short chapters on the concept of astrometry, and the physics of the telescope. Although it looks like a novelty title, this book is VERY detailed in

places, the text is a bit of an "acronym soup" in places, and casual readers will have a hard time with it. Some of the descriptions of how the scientific instruments work went a little over my head; thankfully there are some excellent diagrams to help out the perplexed reader! Typos and editing errors, always a problem with Haynes, seem to be mercifully few this time around. If you're looking for a "one stop shop" book on Hubble and how it works, this is probably the book to go for.

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