



SpaceX: Making Commercial Spaceflight a Reality (Springer Praxis Books)

By Erik Seedhouse

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This book describes the exceptional engineering and human achievement that have placed SpaceX at the forefront of the launch industry, showing how simplicity, low cost and reliability help make it the most likely candidate for transporting humans to Mars.

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Editorial Review

From the Back Cover

2012 - the year when the first ever privately-developed spacecraft visited the International Space Station.

This is the story of how one company is transforming commercial space flight. It describes the extraordinary feats of engineering and human achievement that have resulted in the world's first fully reusable launch vehicles and the prospect of human travel to Mars.

SpaceX - The First Ten Years:

- explores the philosophy behind the success of SpaceX;
- explains the practical management that enables SpaceX to keep it simple, reliable, and affordable;
- details the development of the *Falcon 1*, *Falcon 9* and *Falcon Heavy* rockets and the technology of the *Merlin* engines;
- describes the collaboration with NASA;
- introduces current SpaceX projects, including the *Grasshopper* reusable launch vehicle and the *Stratolaunch* System.

SpaceX - The First Ten Years is a portrait of one of the most spectacular spaceflight triumphs of the 21st century, one that is laying the foundation for humanity to become a spacefaring civilization.

About the Author

Dr. Erik Seedhouse worked as Astronaut Training Consultant for Bigelow Aerospace in 2005, a company for whom he wrote the Spaceflight Participants Flight Surgeon's Manual. He also developed astronaut-training protocols for future spaceflight participants and wrote and edited several chapters of Bigelow Aerospace's Astronaut Training Manual. Erik is a research scientist specializing in environmental life sciences and physiology, the subject in which he obtained his Ph.D. in Physiology while working for the European Space Agency between 1996 and 1998. In 2009, he was one of the final candidates for selection as an astronaut in the CSA's Astronaut Recruitment Campaign. He is the Training Director for Astronauts for Hire (A4H) and is the Canadian Forces' High Risk Acceleration Training Officer, which means he spins CF pilots in Canada's centrifuge. He is the author of several space exploration titles, and his most recent "Astronaut's for Hire" was published in January 2012.

Users Review

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Sharon Bufkin:

This book untitled SpaceX: Making Commercial Spaceflight a Reality (Springer Praxis Books) to be one of several books that will best seller in this year, here is because when you read this publication you can get a lot of benefit on it. You will easily to buy that book in the book retail outlet or you can order it through online. The publisher on this book sells the e-book too. It makes you quickly to read this book, because you can read this book in your Smart phone. So there is no reason to you to past this publication from your list.

Molly Marquis:

SpaceX: Making Commercial Spaceflight a Reality (Springer Praxis Books) can be one of your beginner books that are good idea. Many of us recommend that straight away because this guide has good vocabulary that will increase your knowledge in language, easy to understand, bit entertaining but nevertheless delivering the information. The author giving his/her effort to set every word into delight arrangement in writing SpaceX: Making Commercial Spaceflight a Reality (Springer Praxis Books) nevertheless doesn't forget the main stage, giving the reader the hottest and based confirm resource data that maybe you can be one of it. This great information can certainly drawn you into fresh stage of crucial imagining.

Gary Roth:

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