

## How Apollo Flew to the Moon (Springer Praxis Books)

By *W. David Woods*



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Stung by the pioneering space successes of the Soviet Union - in particular, Gagarin being the first man in space, the United States gathered the best of its engineers and set itself the goal of reaching the Moon within a decade. In an expanding 2nd edition of *How Apollo Flew to the Moon*, David Woods tells the exciting story of how the resulting Apollo flights were conducted by following a virtual flight to the Moon and its exploration of the surface. From launch to splashdown, he hitches a ride in the incredible spaceships that took men to another world, exploring each step of the journey and detailing the enormous range of disciplines, techniques, and procedures the Apollo crews had to master. While describing the tremendous technological accomplishment involved, he adds the human dimension by calling on the testimony of the people who were there at the time. He provides a wealth of fascinating and accessible material: the role of the powerful Saturn V, the reasoning behind trajectories, the day-to-day concerns of human and spacecraft health between two worlds, the exploration of the lunar surface and the sheer daring involved in traveling to the Moon and the mid-twentieth century. Given the tremendous success of the original edition of *How Apollo Flew to the Moon*, the second edition will have a new chapter on surface activities, inspired by reader's comment on Amazon.com. There will also be additional detail in the existing chapters to incorporate all the feedback from the original edition, and will include larger illustrations.



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### Editorial Review

#### Review

From the reviews of the second edition:

“This book was written for those ... to learn without the prerequisite degree in aeronautics. ... Due to the high level of detail that is paid to virtually all aspects of Apollo, this book is well worth the price and should be considered a must have for space aficionados. ... There are additional stories of Apollo’s engineering triumphs both on the surface of the Moon as well as in flight, much of which reflects my continuing journey into the technical achievement that was Apollo.” (Jason Rhian, Aviation Week, March, 2011)

“How Apollo Flew to the Moon is the consummate technical narrative about the Apollo lunar program for the nontechnical reader. ... for those who have a long-held interest in the Apollo program and always wondered how things worked this is a treasure trove. ... is not only a fun and accessible tech-read but also a very valuable reference book, where you will find detail and minutia that is difficult to find anywhere else. ... no comparable work which is so accessible or rewarding to read.” (Rod Pyle, Quest, Vol. 19 (3), 2012)

#### From the Back Cover

This new and expanded edition of the bestselling *How Apollo Flew to the Moon* tells the exciting story of how the *Apollo* missions were conducted and follows a virtual flight to the Moon and back. New material includes:

- the exploration of the lunar surface;
- more illustrations;
- more technical explanations and anecdotes.

From launch to splashdown, hitch a ride in the incredible *Apollo* spaceships, the most sophisticated machines of their time. Explore each step of the journey and glimpse the enormous range of disciplines, techniques, and procedures the *Apollo* crews had to master. Although the tremendous technological accomplishments are well documented, the human dimension is not forgotten, and the book calls on the testimony of the people who were there at the time. A wealth of fascinating and accessible material is provided, including: the role of the powerful *Saturn V*; the reasoning behind trajectories; the day-to-day concerns of human and spacecraft health; the triumphs and difficulties of working in an unforgiving and hostile environment while surrounded by hard vacuum and pernicious dust; and the sheer daring that was involved in traveling to the Moon in the mid-20th century.

#### About the Author

In his spare time, W. David Woods, took up studying the Apollo program and contributing to its documentation on the web. In 1994, he began scanning NASA history books under the aegis of the NASA History Division for presentation on the web. In 1997, David was presented with a Public Service Award in Washington D.C. by the NASA Administrator. In 1998, David began publishing the Apollo Flight Journal online, hosted by NASA. again under the aegis of the NASA History Division. This project is a companion to the highly regarded Apollo Lunar Surface Journal and both are considered canonical references about the

Apollo missions. An AFJ consists of a core transcript of a mission. This is carefully corrected, commentary is added and is used as a structure upon which many multimedia types relevant to the mission can be hung. This includes audio, video, and photography from NASA's archives. The knowledge and experience gained while researching and writing for the AFJ led to the publication in 2008 of "How Apollo Flew to the Moon." This book has been very well received and reviewed. Many commentators place it within the top few books about the Apollo flights.

## **Users Review**

### **From reader reviews:**

#### **Howard Martinez:**

Why don't make it to become your habit? Right now, try to prepare your time to do the important action, like looking for your favorite publication and reading a e-book. Beside you can solve your long lasting problem; you can add your knowledge by the reserve entitled How Apollo Flew to the Moon (Springer Praxis Books). Try to make the book How Apollo Flew to the Moon (Springer Praxis Books) as your friend. It means that it can to be your friend when you really feel alone and beside associated with course make you smarter than in the past. Yeah, it is very fortunated to suit your needs. The book makes you much more confidence because you can know almost everything by the book. So , we need to make new experience along with knowledge with this book.

#### **Crystal Sanchez:**

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#### **Charles Moreno:**

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