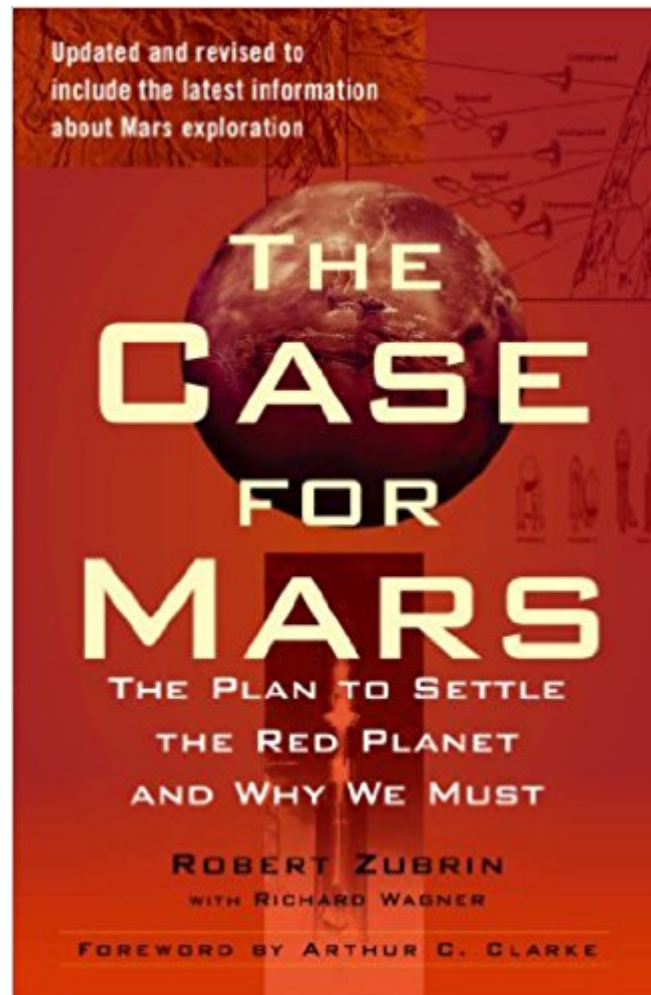


The book was found

Case For Mars



Synopsis

Since the beginning of human history Mars has been an alluring dream—the stuff of legends, gods, and mystery. The planet most like ours, it has still been thought impossible to reach, let alone explore and inhabit. Now with the advent of a revolutionary new plan, all this has changed. Leading space exploration authority Robert Zubrin has crafted a daring new blueprint, Mars Direct, presented here with illustrations, photographs, and engaging anecdotes. The Case for Mars is not a vision for the far future or one that will cost us impossible billions. It explains step-by-step how we can use present-day technology to send humans to Mars within ten years; actually produce fuel and oxygen on the planet's surface with Martian natural resources; how we can build bases and settlements; and how we can one day "terraform" Mars—a process that can alter the atmosphere of planets and pave the way for sustainable life.

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Customer Reviews

When I first saw the book, I was surprised by its size - it's so thick! It took me two weeks to finish the book, and I love it. I have read many books about space exploration, especially on human Mars exploration, but it is the one which I admire the most. Dr Zubrin is so creative for coming up with a

plan called "Mars Direct". This plan is very different from the NASA's "90-Day Report", it involves no orbital assembly, no orbital infrastructure, no orbital rendezvous, and it doesn't need advanced propulsion or any other technology that we don't have, and basically what the approach takes is to explore Mars the way we explore the Earth, which is "travel light, and live off the land". Dr Zubrin explains that we can use this technology by using the resources that can be found on Mars rather than entirely Earth-supplied. I believe "Mars Direct" is the only way to get to Mars, because not only it is the cheapest, but also it is easier to accomplish. Dr Zubrin also explains why a moon base is not needed before the human Mars mission, which many people believe it is a necessary first step toward Mars. I agree, in fact I think his answer is quite convincing. Later in the book Dr Zubrin explains that we will start colonizing Mars once a region is chosen. Things like carbon, nitrogen, hydrogen, and oxygen which are very useful for human colonization are very common on Mars. Also there are plenty of chemical substances in the soil of Mars which can be used to make metals, or even nuclear reactors for the energy supplies. Compare to the moon, Mars has more useful resources for human colonization, and that's one of the reason why we should go to Mars, not the moon. Finally Dr Zubrin said in the far future we may "terraform" Mars.

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