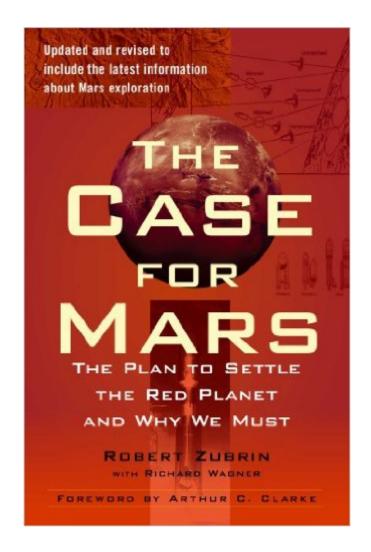


# **Case For Mars**





## 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.

### **Book Information**

File Size: 7534 KB Print Length: 418 pages Publisher: Free Press; Revised edition (June 28, 2011) Publication Date: June 28, 2011 Sold by:Â Simon and Schuster Digital Sales Inc Language: English ASIN: B004G8QU6U Text-to-Speech: Not enabled X-Rav: Not Enabled Word Wise: Enabled Lending: Not Enabled Enhanced Typesetting: Enabled Best Sellers Rank: #75,823 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #9 in Books > Science & Math > Astronomy & Space Science > Mars #20 in Kindle Store > Kindle eBooks > Nonfiction > Science > Astronomy & Space Science > Astronomy #32 in Kindle Store > Kindle eBooks > Nonfiction > Science > Astronomy & Space Science > Astrophysics & Space Science

## **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.

#### Download to continue reading...

Colony Two Mars: A SciFi Thriller (Colony Mars Book 2) Colony One Mars: A SciFi Thriller (Colony Mars Book 1) Life and Death on Mars: The New Mars Synthesis Mars One: Humanity's Next Great Adventure: Inside the First Human Settlement on Mars The CASE FOR MARS Case for Mars After the Martian Apocalypse: Extraterrestrial Artifacts and the Case for Mars Exploration The Case for Faith: A Journalist Investigates the Toughest Objections to Christianity (Case for ... Series) Case Law and Conclusions: A Fathers Rights Guide (Case Law and Conclusions for Fathers' Rights Book 1) Case Studies In Nursing Ethics (Fry, Case Studies in Nursing Ethics) Patent Case Management Judicial Guide 3rd edition (2016) Volume II: Trial Case Management, Design Patents, Plant Patents, ANDA/Biosimilars, Federal Claims, and Patent Primer (Volume 2) Patent Case Management Judicial Guide (3rd edition 2016): Volume I: Pretrial Case Management (Volume 1) Abandoned Justice: The Cold Case of Ten-year-old Virginia Brooks (The Colder Case Series Book 3) Mapp v. Ohio: Case Brief (Court Case Briefs) Dred Scott v. Sandford: Case Brief (Court Case Briefs) Korematsu v. United States: Case Brief (Court Case Briefs) Texas v. Johnson: Case Brief (Court Case Brief) Bush v. Gore: Case Brief (Court Case Briefs) Texas v. Johnson: Case Brief (Court Case Briefs) Citizens United v. Federal Election Commission: Case Brief (Court Case Briefs)

#### <u>Dmca</u>