

Should We Use Reusable Rockets?

Reusable rockets are intriguing, eco-friendly devices that can be used again and again (instead of being thrown away after one use). Some people think they are a great idea, while others aren't so sure. Let's look at both sides of the argument.

On one hand, reusable rockets can save money. When space agencies launch rockets that can't be used again, they have to build new ones every time. This costs a lot of money (up to £90 million). Don't you think we should be more environmentally friendly as a society? For example, with reusable rockets, space companies can reuse parts of the rocket, making space travel cheaper. In addition, recyclable rockets help reduce unneeded, bulky waste. Normally, rockets are thrown away after just one trip into space, leaving behind lots of broken, unwanted rocket parts. By using reusable capsules, we can cut down on the amount of junk left in space and the oceans.

However, there are some significant challenges with reusable rockets. For instance, it can be complex and expensive to repair and check the devices after each trip. Although they are reused, making sure the rockets are safe for another launch takes extensive work, which could cost more money and time. Furthermore, reusable rockets are very new. At the moment, scientists are still refining the best way to use them, and they might not be as reliable as other rockets. If a reusable capsule fails, it could lead to serious problems (like accidents, injury or loss of important research information). Don't you think personal safety should be vital?

In conclusion, reusable rockets have both good and bad points. While they can save money and reduce waste, they might still need a lot of repairs and testing. Over time, reusable rockets could become a better option, but right now, we need to keep improving them before they can be used all the time.