

Burt Rutan

Quotes

*Space, Years, Technology, Airplane, Moon, Order, Nonsense, Data, Fun,
Future, People, Smart, Kids, Car, Country, Research, Design, Should Have,
Eye, America*

In 12 or 15 years, there will be routine, affordable space tourism not just in the U.S. but in a lot of countries.

~Burt Rutan

Usually the wacky people have the breakthroughs. The smart people dont.

~Burt Rutan

A NASA astronaut and a Russian cosmonaut can't be creative. He has to follow a predetermined detailed checklist written by an engineer and if he gets a little creative he'll never fly again.

~Burt Rutan

I believe that research, that you can claim that you're doing research only if half of the people, and I'm talking about half of the experts, believe that the goal is impossible.

~Burt Rutan

A true creator researches how to have confidence in nonsense.

~Burt Rutan

NASA's myriad failures are in many ways the natural consequence of a catastrophic combination of bureaucracy, monopoly, and a calcifying aversion to the kind of risk necessary for innovation.

~Burt Rutan

Everything looks nonsensical before it works.

~Burt Rutan

Testing leads to failure, and failure leads to understanding

~Burt Rutan

I have a hunch the most important reason we're going to space is not known now.

~Burt Rutan

It's not good enough for us to have generations of kids that ... look forward to a better version of a cell phone with a video in it. They need to look forward to exploration.

~Burt Rutan

Our goal is to show that you can develop a robust, safe manned space program and do it at an extremely low cost.

~Burt Rutan

Look at the aerospace industry as it was just after the Kennedy talk. We were hiring like crazy. We were trying to get people graduated from college. Hey, you got to go to the program. We need you.

~Burt Rutan

The criticism is, once I get something flying, I lose interest in it.

~Burt Rutan

Confidence in nonsense is required.

~Burt Rutan

Science is not about consensus, and consensus is not science.

~Burt Rutan

I like to call the difference between research and development. Some people use that interchangeably. They'll say R&D. They're two totally different things.

~Burt Rutan

At various times over 20 years, I did preliminary designs for aircraft like the Stratolaunch. For that whole time I was encouraging us to do something that almost everyone else felt you could not do.

~Burt Rutan

Achieving something that has never existed in manned spaceflight and that is high volume and public access.

~Burt Rutan

We'll go back to the moon by not learning anything new.

~Burt Rutan

With any luck, by the time NASA's space probe hits Pluto, you'll be booking a spaceflight with a privately run suborbital airline.

~Burt Rutan

No one knows how to make going to orbit orders of magnitude safer and orders of magnitude more affordable.

~Burt Rutan

We didn't know the importance of home computers before the Internet. We had them mostly for fun, then the Internet came along and was enabled by all the PCs out there.

~Burt Rutan

The Russians did much bigger space launch vehicles for launching satellites and for getting men in orbit. They did that much sooner than America because America was very good at something else.

~Burt Rutan

We didn't have practical model rockets in the '50s. The ones we made were very dangerous and the kids that played with them didn't have all their fingers, and sometimes were blind in one eye.

~Burt Rutan

Related Links:

- [Space Quotes](#)
- [Years Quotes](#)
- [Technology Quotes](#)
- [Airplane Quotes](#)
- [Moon Quotes](#)
- [Order Quotes](#)
- [Nonsense Quotes](#)
- [Data Quotes](#)
- [Fun Quotes](#)
- [Future Quotes](#)
- [People Quotes](#)
- [Smart Quotes](#)
- [Kids Quotes](#)
- [Car Quotes](#)
- [Country Quotes](#)
- [Research Quotes](#)
- [Design Quotes](#)
- [Should Have Quotes](#)
- [Eye Quotes](#)
- [America Quotes](#)