

## FOR THE GRAND CAUSE OF HUMAN BEINGS

—Answer to the question “Do you think that landing on the Moon was a breakthrough for technology evolution?”

The biggest and most powerful rocket ever flown successful<sup>1</sup>, called Saturn V, was intended for this mission. Landing on the moon marked a line of how far human beings can go and that line was not broken until now. It's achieved under the transcendent pressure of the Cold War. Due to this pressure, a relatively large proportion of resources of the United States can be centered on the goal of landing on the moon. That's why unprecedented breakthrough can be made and a record lasting for nearly 60 years can be created.<sup>2</sup>

Reaching for the goal of landing on the moon greatly galvanized the improvement of space technology that many modern inventions like GPS and telecommunication rely on.<sup>3</sup> With powerful and reliable rockets, we can shoot up satellites for all kinds of use—navigating, weather forecasting, fast and stable communication, etc. Most people still don't realize the link between landing on the moon and everyday life. But it's true that without this ambitious goal spurring the development of space technology, we couldn't have marched into information era. Smartphones couldn't have been so smart and weather forecasts couldn't have been so accurate.

Another reason why successfully landing on the moon serves as a milestone of technology development is because it provides us with a grand vision: today we can step on moon, tomorrow we can colonize another planet. Even though we cannot achieve it in short terms due to various reasons, landing on the moon gives us hope, reminding us that united we can conquer the outer space, step by step. Moon landing can be seen as a breakthrough for technology evolution because it is the first time that humans ever landed somewhere outside the Earth, thus showing human beings a viable way of marching towards faraway worlds. After all it's reasonable to have a way out due to the fragility of our planet.

Nowadays, human beings have been diverted to problems on the Earth. Focusing on what's around us isn't wrong. We can go into the endless space, expanding the boundaries of humans. We can stay on our mother planet, dealing with all kinds of problems around us. Either way is qualified to be seen as the grand cause of human beings. But do not forget that we have once sent people up to the moon and it's helpful with *both* ways mentioned above.

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<sup>1</sup> [https://www.nasa.gov/centers/johnson/rocketpark/saturn\\_v.html](https://www.nasa.gov/centers/johnson/rocketpark/saturn_v.html)

<sup>2</sup> According to SLS Fact Sheets provided by NASA, the SLS rocket used in Artemis I will be the first rocket having a stronger thrust than Saturn V

<sup>3</sup> <https://www.explainthatstuff.com/satellites.html>