

# US Monopoly on Space Transport

By [Karsten Riise](#)

Global Research, July 07, 2023

Region: [USA](#)

Theme: [Intelligence](#)

All Global Research articles can be read in 51 languages by activating the Translate Website button below the author's name.

To receive Global Research's Daily Newsletter (selected articles), [click here](#).

Click the share button above to email/forward this article to your friends and colleagues. Follow us on [Instagram](#) and [Twitter](#) and subscribe to our [Telegram Channel](#). Feel free to repost and share widely Global Research articles.

\*\*\*

*The Wall Street Journal confirms my [previous analysis](#) from 15 April 2023 (see below):*

***SpaceX has created a US monopoly on transport to Space. See [this](#).***

Nobody in the World can match the American SpaceX.

Neither in the US, the EU, Russia, China, or India.

- **SpaceX' costs to Space are so low that nobody can compete**
- **SpaceX' flexibility, regularity, and safety are unprecedented.**

Jeff Bezos's Blue Origin, Lockheed Martin, Boeing, United Launch Alliance, and NASA's SLS rocket are made ridiculous by SpaceX.

The **Falcon Heavy** rocket costs **\$ 100 million** to launch - and can bring **20-50 tons** to low-earth-orbit.

Falcon Heavy's closest competitor is the Delta IV Heavy from United Launch Alliance (ULA - Lockheed Martin and Boeing).

The **Delta IV** rocket costs **\$400-600 million** to launch - and can bring **28 tons** to low-earth-orbit.

**Falcon Heavy saves \$300-500 million per launch.**

**The key is to minimize the price in dollars per kg to orbit.**

The comparison gives this:

	<b>Falcon Heavy</b>	<b>Delta IV</b>
Min. \$/kg	2,000	14,286
Max. \$/kg	5,000	21,429

A 10 kg satellite can get into orbit for \$10,000 – 50,000 dollars!

We see that the Falcon Heavy gives a cost-reduction of between 60 % and 90%.

SpaceX will reduce launch costs far more from 2024 onwards with its fully reusable Starship, which aims to send 100 tons to orbit for as little as \$1 million per launch. That is only \$10 per kg.

China will mimic the Falcon Heavy within probably 5 years – that’s a lot of time. But China has no serious program even within 15 years for anything similar to SpaceX’ next vehicle, the Starship which will go commercial in 2024.

Russia has neither.

### **The US is has already created Space Dominance with SpaceX.**

Technically, Russia, China, India, and the EU they can still send stuff to Space – but only at slow pace – and they spend far more money getting it up than building it.

\*

Note to readers: Please click the share button above. Follow us on Instagram and Twitter and subscribe to our Telegram Channel. Feel free to repost and share widely Global Research articles.

**Karsten Riise** is a Master of Science (Econ) from Copenhagen Business School and has a university degree in Spanish Culture and Languages from Copenhagen University. He is the former Senior Vice President Chief Financial Officer (CFO) of Mercedes-Benz in Denmark and Sweden.

*He is a regular contributor to Global Research.*

*Featured image: US Space Domination – Karsten Riise and Brian MCGowan, Unsplash CC0*

The original source of this article is Global Research  
Copyright © [Karsten Riise](#), Global Research, 2023

[Comment on Global Research Articles on our Facebook page](#)

## **Become a Member of Global Research**

Articles by: **Karsten Riise**

**Disclaimer:** The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: [publications@globalresearch.ca](mailto:publications@globalresearch.ca)

[www.globalresearch.ca](http://www.globalresearch.ca) contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: [publications@globalresearch.ca](mailto:publications@globalresearch.ca)