

# Jeff Bezos's Blue Origin rocket makes 10th flight test (Update)

23 January 2019



This handout photo shows Blue Origin's New Shepard rocket on a launch pad on April 28, 2018

With an eye to launching the first tourists to space by year's end, Blue Origin, the rocket company owned by Amazon CEO Jeff Bezos, blasted off the 10th test flight of its New Shepard rocket on Wednesday.

The rocket, carrying no people on board but eight science experiments for NASA, soared skyward from a launchpad in west Texas at 1508 GMT against a clear blue sky.

A few minutes into the [flight](#), the capsule separated as planned from the booster and reached its peak height of 66 miles (106 kilometers).

"That is exactly what we were targeting," said Ariane Cornell, an astronaut for Blue Origin and commentator on the company's live webcast of the launch.

The frontier of space is internationally agreed to be 62 miles (100 kilometers) above Earth, known as the Karman Line.

Eight minutes after blast off, the rocket booster fired its engines and made a controlled, upright landing back on Earth, marking the fourth flight for this particular rocket, and the 10th flight test for New Shepard overall.

"That, everybody, is a reusable rocket," said Cornell.

Moments later, the capsule floated to Earth, aided by a trio of parachutes, and touched down in a cloud of dust.

The entire mission lasted 10 minutes, 15 seconds.

"Looks to have been a wholly successful flight today," wrote Blue Origin on Twitter.

More test flights lie ahead, but the first flights with passengers on board could start by late 2019.

"We are aiming for the end of this year," Cornell said.

"We are not in a rush. We want to take our time and do this right."

The passenger capsule is "roomy," Cornell said, with six seats and six "big gorgeous windows."

The price per ticket has not yet been announced.

The New Shepard [rocket](#) first reached space last year, achieving a height of 66 miles in April 2018.

Virgin Galactic, headed by British billionaire Richard Branson, is also working on a vessel of its own to carry tourists to space.

On December 13, 2018, Virgin Galactic's SpaceShipTwo, VSS Unity, flew higher than it ever had before, surpassing what the US Air Force considers the boundary of space (50 miles), and marking the first manned flight to space from US

soil since 2011.

The spaceship made it to a peak height of 51.4 miles (82.7 kilometers).

The brief flight—with two pilots on board—was a key milestone for the Virgin Galactic, which is striving to send tourists to [space](#) at a cost of \$250,000 per seat.

© 2019 AFP

APA citation: Jeff Bezos's Blue Origin rocket makes 10th flight test (Update) (2019, January 23) retrieved 23 January 2021 from <https://phys.org/news/2019-01-blue-10th-flight-space-tourist.html>

*This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.*