

Europe's Ariane 5 rocket blasts off for 100th time

September 26 2018



On 25/26 September 2018, an Ariane 5 on its milestone 100th launch, lifted off from Europe's Spaceport in French Guiana on flight VA243 and delivered two telecom satellites, Horizons-3e and Azerspace-2/Intelsat-38, into their planned orbits. Credit: ESA

A European-made rocket has blasted off from French Guiana for the 100th time, in a symbolic landmark for its manufacturer as it comes under increasing pressure from Elon Musk's SpaceX programme.

The Ariane 5 spacecraft took off from the Caribbean launch site on Tuesday at 19:38 (22:38 GMT), propelling two telecoms satellites into orbit.

In service for more than two decades and capable of blasting heavy payloads into the sky, the Ariane 5 has become the workhorse of European space launches under the guidance of the European Space Agency (ESA).

But it will soon be replaced by an updated model, the Ariane 6, which will be an estimated 40 percent cheaper to make.

This is partly in response to SpaceX's arrival on the [commercial space flight](#) scene, with its reusable Falcon 9 rocket holding the potential to undercut rival programmes.

SpaceX has outpaced European manufacturer Arianespace in terms of number of launches for two straight years.

"We are having to face unprecedented competition," Arianespace head Stephane Israel told AFP.

Since it was first launched in 1996, the Ariane 5 has put 205 satellites into orbit including for Europe's Galileo GPS system.

© 2018 AFP

Citation: Europe's Ariane 5 rocket blasts off for 100th time (2018, September 26) retrieved 27 April 2024 from <https://phys.org/news/2018-09-europe-ariane-rocket-blasts-100th.html>

<p>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.</p>
--