

China's first reusable spacecraft lands after 2-day flight

September 6 2020

China's first reusable spacecraft landed Sunday after two days in orbit, a possible step toward lower-cost space flight, the government announced.

The secretive, military-run space program has released few details of the craft, which was launched Friday aboard a Long March 2F rocket from the Jiuquan Satellite Launch Center in China's desert northwest.

The craft landed as planned at Jiuquan, the official Xinhua News Agency said.

State media have yet to publish any photos. The craft's size and shape are unclear.

The flight "marks an important breakthrough in our country's research on reusable spacecraft" that promise a "more convenient and inexpensive way" to reach space, Xinhua said.

China fired its first astronaut into orbit in 2003 and has launched a space station. Last year, it became the first country to land a robot rover on the moon's little-seen far side. A probe carrying another robot rover is en route to Mars.

The United States and the former Soviet Union both flew reusable spacecraft.

The U.S. space shuttle flew 134 missions from the 1980s until 2011.



Since then, the U.S. military has developed the X-37, a robot glider that made its sixth flight in May.

The Soviet space plane, Buran, orbited the Earth twice during its single uncrewed flight in 1988.

© 2020 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: China's first reusable spacecraft lands after 2-day flight (2020, September 6) retrieved 4 May 2024 from <u>https://phys.org/news/2020-09-china-reusable-spacecraft-day-flight.html</u>

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.