

China on schedule for launch this year of 2nd space station

June 26 2016



In this photo released by the Xinhua News Agency, workers retrieve a reentry module that was aboard the carrier rocket Long March-7 after it touches down successfully in Badain Jaran Desert in northern China's Inner Mongolia Autonomous Region, June 26, 2016. China on Sunday recovered an experimental probe launched aboard a new generation rocket, marking another milestone in its increasingly ambitious space program that envisions a mission to Mars by the end of the decade. (Ju Zhenhua/Xinhua via AP)

China on Sunday recovered an experimental probe launched aboard a

new generation rocket, marking another milestone in its increasingly ambitious space program that envisions a mission to Mars by the end of the decade.

Space program authorities said the spaceship's landing of the on the vast Inner Mongolian steppe keeps China on schedule to place its second space station into orbit later this year.

The launch of the spaceship aboard the newly developed Long March 7 rocket on Saturday was hailed as a breakthrough in the use of safer, more environmentally friendly fuels. The launch also marked the first use of the massive new Wenchang Satellite Launch Center on the southern island province of Hainan.

Since launching its first manned mission in 2003, China has sent up an experimental space station, the Tiangong 1, staged a spacewalk and landed its Yutu rover on the moon.

Its second space station, the Tiangong 2, is due to be slung into space in September.

Following that, the Shenzhou 11 spaceship with two astronauts on board is scheduled to dock with the station and remain for several days. Administrators suggest a manned landing on the moon may also be in the program's future.

A source of enormous national pride, China's military-backed space program plans a total of 20 space missions this year at a time when the U.S. and other countries' programs are seeking new roles.



In this photo released by Xinhua News Agency, workers retrieve a reentry module that was aboard the carrier rocket Long March-7 after it touched down successfully in Badain Jaran Desert in northern China's Inner Mongolia Autonomous Region, June 26, 2016. China on Sunday recovered an experimental probe launched aboard a new generation rocket, marking another milestone in its increasingly ambitious space program that envisions a mission to Mars by the end of the decade. (Ju Zhenhua/Xinhua via AP)

China is also developing the Long March 5 heavier-lift rocket needed to launch the Tiangong 2 and other massive payloads.

China plans to launch a mission to land a rover on Mars by 2020, attempting to recreate the success of the U.S. Viking 1 mission that landed a rover on the planet four decades ago.



Spectators watch as a Long March 7 (CZ-7) rocket lifts off the launch pad in Wenchang in southern China's Hainan Province Saturday, June 25, 2016. Saturday's launch was the first flight of the 53-meter (174-foot) tall rocket, which also carries a scaled-down version of a new Chinese re-entry capsule for human spaceflight. (Chinatopix via AP)



A man holds a child as they visit a park with replicas of foreign and domestic space vehicles displayed in Beijing, China, Sunday, June 26, 2016. China on Sunday recovered an experimental probe launched aboard a new generation rocket, marking another milestone in its increasingly ambitious space program that envisions a mission to Mars by the end of the decade. (AP Photo/Ng Han Guan)



A woman walks with a child as they visit a park with replicas of foreign and domestic space vehicles displayed in Beijing, China, Sunday, June 26, 2016. China on Sunday recovered an experimental probe launched aboard a new generation rocket, marking another milestone in its increasingly ambitious space program that envisions a mission to Mars by the end of the decade. (AP Photo/Ng Han Guan)

© 2016 The Associated Press. All rights reserved.

Citation: China on schedule for launch this year of 2nd space station (2016, June 26) retrieved 23 April 2024 from <https://phys.org/news/2016-06-china-year-space-station.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.