

## Space station supplies launched, 2nd shipment in 2 days

November 17 2018, by Marcia Dunn

---



Northrop Grumman Antares rocket lifts off from the launch pad at NASA's Wallops Flight Facility in Wallops Island, Va., Saturday, Nov. 17, 2018. The rocket will deliver supplies to the International Space Station. (AP Photo/Steve Helber)

A load of space station supplies rocketed into orbit from Virginia on Saturday, the second shipment in two days.

And another commercial delivery should be on its way in a couple weeks.

"What an outstanding launch," said NASA's deputy space station program manager, Joel Montalbano.

Northrop Grumman launched its Antares rocket from Wallops Island before dawn, delighting chilly early-bird observers along the Atlantic coast. The Russian Space Agency launched its own supplies to the International Space Station on Friday, just 15 hours earlier.

The U.S. delivery will arrive at the orbiting lab Monday, a day after the Russian shipment. Among the 7,400 pounds (3,350 kilograms) of goods inside the Cygnus capsule: ice cream and fresh fruit for the three space station residents, and a 3D printer that recycles old plastic into new parts.

Thanksgiving turkey dinners—rehydratable, of course—are already aboard the 250-mile-high outpost. The space station is currently home to an American, a German and a Russian.

There's another big event coming up, up there: The space station marks its 20th year in orbit on Tuesday. The first section launched on Nov. 20, 1998, from Kazakhstan.



Northrop Grumman Antares rocket lifts off from the launch pad at NASA's Wallops Flight Facility in Wallops Island, Va., Saturday, Nov. 17, 2018. The rocket will deliver supplies to the International Space Station. (AP Photo/Steve Helber)

"As we celebrate 20 years of the International Space Station," Montalbano noted, "one of the coolest things is the cooperation we have across the globe." Then there's the U.S. commercial effort to keep the space station stocked and, beginning next year, to resume crew launches from Cape Canaveral. "To me, it's been a huge success," he said.

This Cygnus, or Swan, is named the S.S. John Young to honor the legendary astronaut who walked on the moon and commanded the first space shuttle flight. He died in January.

It is the first commercial cargo ship to bear Northrop Grumman's name. Northrop Grumman acquired Orbital ATK in June. SpaceX is NASA's other commercial shipper for the space station; its Dragon capsule is set to lift off in early December.

Experiments arriving via the Cygnus will observe how cement solidifies in weightlessness, among other things. There's also medical, spacesuit and other equipment to replace items that never made it to orbit last month because of a Russian rocket failure; the two men who were riding the rocket survived their emergency landing. Three other astronauts are set to launch from Kazakhstan on Dec. 3.

© 2018 The Associated Press. All rights reserved.

Citation: Space station supplies launched, 2nd shipment in 2 days (2018, November 17) retrieved 26 April 2024 from <https://phys.org/news/2018-11-space-station-2nd-shipment-days.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>
--