



Spaceto**Ground**

1

00:00:03,160 --> 00:00:07,759

Welcome to Space the Ground, I'm Kayla LaFrance. This week multiple space launches

2

00:00:07,760 --> 00:00:09,640

means busy traffic around the station.

3

00:00:11,540 --> 00:00:14,840

On Tuesday the Japanese Aerospace Exploration Agency

4

00:00:14,840 --> 00:00:18,080

or JAXA launched a cargo vehicle to the International Space

5

00:00:18,080 --> 00:00:23,090

Station following a successful second attempt. Developed and built in Japan, the

6

00:00:23,090 --> 00:00:29,700

H-II Transfer Vehicle, HTV, is known as Kounotori, which means White Stork in Japanese.

7

00:00:30,080 --> 00:00:34,060

This uncrewed cargo spacecraft delivers science supplies and large

8

00:00:34,070 --> 00:00:38,600

external payloads to earth orbit. This most recent launch marks the eighth

9

00:00:38,600 --> 00:00:43,160

mission to the station for the HTV spacecraft and with it carried over four

10

00:00:43,160 --> 00:00:48,110

tons of cargo including a set of six new lithium-ion batteries they'll be

11

00:00:48,110 --> 00:00:52,579

installed during future spacewalks. NASA

astronauts Christina Koch and Andrew

12

00:00:52,579 --> 00:00:56,630

Morgan, will welcome the HTV-8 when they capture the cargo craft with the

13

00:00:56,630 --> 00:01:01,360

Canadarm 2 on Saturday at about 7:15 a.m. Eastern. the population of the

14

00:01:02,360 --> 00:01:07,420

The population of the orbiting laboratory grew by 3 on Wednesday when the newest crew members

15

00:01:07,420 --> 00:01:14,260

of Expedition 61 launched from the Baikonur Cosmodrome aboard the Soyuz MS-15 spacecraft.

16

00:01:15,960 --> 00:01:18,600

NASA astronaut Jessica Meir and cosmonaut

17

00:01:18,600 --> 00:01:22,650

Oleg Skripochka were joined by space flight participant Hazzaa

18

00:01:22,650 --> 00:01:27,640

Ali Almansoori of the United Arab Emirates on a six-hour journey to the station.

19

00:01:28,200 --> 00:01:31,160

Almansoori is the first astronaut to fly into space from the

20

00:01:31,170 --> 00:01:35,340

United Arab Emirates, and will spend eight days aboard the station.

21

00:01:35,340 --> 00:01:40,050

He'll return with cosmonaut Alexey Ovchinin and NASA astronaut Nick Hague in October

22

00:01:40,050 --> 00:01:45,119

which will cover live on NASA TV. The eight days between the trio's arrival

23

00:01:45,119 --> 00:01:49,530

and the departure of Soyuz MS-12 will mark the largest crew the station

24

00:01:49,530 --> 00:01:54,600

has seen since September 2015, when nine crew members were there at once for

25

00:01:54,600 --> 00:01:59,560

seven days during Scott Kelly and Mikhail Kornienko's year-long mission.