



OVER SIZE LOAD

PB40759

CT

TH

1

00:00:01,380 --> 00:00:06,980

NASA is preparing for the fourth Orbital ATK Commercial Resupply Services mission to the

2

00:00:06,980 --> 00:00:09,380

International Space Station.

3

00:00:09,380 --> 00:00:14,940

The Orbital ATK Cygnus pressurized module is at NASA's Kennedy Space Center in Florida,

4

00:00:14,940 --> 00:00:20,180

undergoing final preparations for its upcoming ride to the space station on a United Launch

5

00:00:20,180 --> 00:00:21,910

Alliance Atlas V rocket.

6

00:00:21,910 --> 00:00:27,359

The Cygnus module arrived at Kennedy and was transported to the Space Station Processing

7

00:00:27,359 --> 00:00:33,350

Facility where it was joined to its service module. Inside the high bay, technicians secured

8

00:00:33,350 --> 00:00:38,870

7,000 pounds of supplies, experiments and hardware into the module, before securing

9

00:00:38,870 --> 00:00:40,350

it for launch.

10

00:00:40,350 --> 00:00:45,070

A protective covering was installed around Cygnus for its travel to the Payload Hazardous

11

00:00:45,070 --> 00:00:49,899

Servicing Facility (PHSF) for additional processing and propellant loading.

12

00:00:49,899 --> 00:00:56,070

On November 9, technicians prepared supplies and hardware for late stowage in the Cygnus

13

00:00:56,070 --> 00:00:57,969

pressurized module.

14

00:00:57,969 --> 00:01:03,890

Members of the news media got one last, up-close look at Cygnus inside the PHSF on November

15

00:01:03,890 --> 00:01:10,990

13. Cygnus was encapsulated inside the payload fairing on November 17 in preparation for

16

00:01:10,990 --> 00:01:16,970

the move to Space Launch Complex 41 at nearby Cape Canaveral Air Force Station.

17

00:01:16,970 --> 00:01:21,610

The Atlas V single-engine Centaur upper stage arrived by truck October 27 and was moved

18

00:01:21,610 --> 00:01:27,409

to the Horizontal Integration Facility at Space Launch Complex 37 at Cape Canaveral

19

00:01:27,409 --> 00:01:30,840

Air Force Station for checkout and processing.

20

00:01:30,840 --> 00:01:35,470

The next day, the Centaur upper stage was moved to the Atlas Spaceflight Operations

21

00:01:35,470 --> 00:01:37,930

Center near Launch Complex 41.

22

00:01:37,930 --> 00:01:43,710

The Atlas V first stage arrived aboard the Delta Mariner at Port Canaveral on November

23

00:01:43,710 --> 00:01:50,520

8. It was offloaded and transported by truck to the Atlas Spaceflight Operations Center.

24

00:01:50,520 --> 00:01:55,390

The booster was delivered to the Vertical Integration Facility on November 11 and was

25

00:01:55,390 --> 00:01:57,380

hoisted up into vertical position.

26

00:01:57,380 --> 00:02:03,380

The payload containing the Cygnus module was lifted and placed atop the Atlas V rocket

27

00:02:03,380 --> 00:02:05,350

to await launch day.

28

00:02:05,350 --> 00:02:10,580

When countdown clocks reach zero, the Atlas V booster will ignite, carrying the Cygnus