



N4052

1

00:00:00,630 --> 00:00:04,370

Hi, I'm NASA Kennedy Space Center's Bryan Onate and I'm taking you Inside KSC.

2

00:00:04,370 --> 00:00:12,190

The Orbital ATK L-1011 Stargazer landed at Cape Canaveral Air Force Station's Skid Strip

3

00:00:12,190 --> 00:00:13,309

on Dec. 2.

4

00:00:13,309 --> 00:00:19,619

Attached beneath the Stargazer is the Orbital ATK Pegasus XL rocket carrying NASA's Cyclone

5

00:00:19,619 --> 00:00:23,210

Global Navigation Satellite System, or CYGNSS, satellites.

6

00:00:23,210 --> 00:00:28,279

CYGNSS is scheduled for its airborne launch aboard the Pegasus XL on Dec. 12.

7

00:00:28,279 --> 00:00:32,500

The eight CYGNSS satellites will help scientists develop more accurate measurements than previously

8

00:00:32,500 --> 00:00:34,550

could be observed from space.

9

00:00:34,550 --> 00:00:38,800

CYGNSS will provide data about ocean surface winds and intense inner rain bands throughout

10

00:00:38,800 --> 00:00:43,210

the life cycle of tropical storms and hurricanes.

11

00:00:43,210 --> 00:00:47,550

A high-fidelity test version of NASA's Advanced

Plant Habitat recently arrived at the Kennedy

12
00:00:47,550 --> 00:00:50,730
Space Center's Space Station Processing Facility.

13
00:00:50,730 --> 00:00:54,600
NASA engineers will train with the test unit,
alongside scientists and technicians with

14
00:00:54,600 --> 00:00:56,910
the Engineering Services Contract.

15
00:00:56,910 --> 00:01:00,800
Once aboard the International Space Station
the habitat will be the largest plant growth

16
00:01:00,800 --> 00:01:02,400
chamber the agency has built.

17
00:01:02,400 --> 00:01:06,600
It will be fully outfitted with a controlled
environment that can house larger plants.

18
00:01:06,600 --> 00:01:10,979
It also has more sensors and requires less
crew time than the Veggie growth system currently

19
00:01:10,979 --> 00:01:13,999
operating on the space station.