



OVERSIZE LOAD

9007

TILLEY

75B16

1

00:00:00,210 --> 00:00:02,680

Hi, I'm NASA Kennedy Space Center's Aly Mendoza-Hill

2

00:00:02,680 --> 00:00:05,750

and I'm taking you Inside KSC.

3

00:00:05,750 --> 00:00:11,820

A new constellation of hurricane-watching satellites is taking shape after the Dec.

4

00:00:11,820 --> 00:00:12,900

15 launch of

5

00:00:12,900 --> 00:00:19,470

NASA's CYGNSS mission, or Cyclone Global Navigation Satellite System comprising eight

6

00:00:19,470 --> 00:00:21,140

"microsatellites".

7

00:00:21,140 --> 00:00:26,359

They were delivered to Earth orbit aboard an Orbital ATK Pegasus XL rocket,

8

00:00:26,359 --> 00:00:32,710

which was deployed over the Atlantic Ocean by the company's L-1011 Stargazer aircraft.

9

00:00:32,710 --> 00:00:37,390

The two-year mission will study ocean surface winds and intense inner rain bands throughout

10

00:00:37,390 --> 00:00:41,030

the life cycle of tropical cyclones, such as hurricanes.

11

00:00:41,030 --> 00:00:42,860

The resulting data will help scientists

12
00:00:42,860 --> 00:00:47,339
improve forecasts by developing more accurate
measurements than previously could be

13
00:00:47,339 --> 00:00:50,019
observed from space.

14
00:00:50,019 --> 00:00:55,309
The last in a series of new work platforms
for NASA's Space Launch System rocket arrived

15
00:00:55,309 --> 00:00:56,309
at

16
00:00:56,309 --> 00:00:59,170
Kennedy's Vehicle Assembly Building Dec. 13.

17
00:00:59,170 --> 00:01:02,010
The A-level platform, divided into North and

18
00:01:02,010 --> 00:01:07,980
South sections, will be the highest of 10
levels of new platforms installed in the facility's

19
00:01:07,980 --> 00:01:08,980
High

20
00:01:08,980 --> 00:01:10,300
Bay 3.

21
00:01:10,300 --> 00:01:15,860
Workers will use Platform A to access the
Orion spacecraft's Launch Abort System when

22
00:01:15,860 --> 00:01:16,860
the

23
00:01:16,860 --> 00:01:22,650

SLS/Orion vehicle is being readied for its first flight, Exploration Mission-1, in late

24

00:01:22,650 --> 00:01:25,560

2018.