



**INSIDE
▶▶ KSC!**

1
00:00:02,790 --> 00:00:00,709

[Music]

2
00:00:04,070 --> 00:00:02,800

i'm nasa kennedy's jamie goodman outside

3
00:00:07,190 --> 00:00:04,080

kft taking you

4
00:00:10,390 --> 00:00:09,030

installation has begun of the artemis 1

5
00:00:12,230 --> 00:00:10,400

solar array wings on the orion

6
00:00:13,749 --> 00:00:12,240

spacecraft and inside kennedy's new

7
00:00:14,549 --> 00:00:13,759

armstrong operations and checkout

8
00:00:16,710 --> 00:00:14,559

building

9
00:00:18,630 --> 00:00:16,720

a component of orion's service module

10
00:00:19,029 --> 00:00:18,640

the rays will supply the spacecraft's

11
00:00:21,830 --> 00:00:19,039

power

12
00:00:23,750 --> 00:00:21,840

propulsion air and water shown in one of

13
00:00:24,950 --> 00:00:23,760

the four panels that will generate 11

14

00:00:28,070 --> 00:00:24,960

kilowatts of power

15

00:00:29,990 --> 00:00:28,080

and span about 63 feet the first in a

16

00:00:32,549 --> 00:00:30,000

series of increasingly complex missions

17

00:00:34,709 --> 00:00:32,559

artemis 1 will test the orion spacecraft

18

00:00:36,549 --> 00:00:34,719

and space launch system as an integrated

19

00:00:37,510 --> 00:00:36,559

system ahead of the cruise flights to

20

00:00:39,830 --> 00:00:37,520

the moon

21

00:00:40,709 --> 00:00:39,840

under the artemis program nasa will land

22

00:00:43,910 --> 00:00:40,719

the first woman

23

00:00:45,630 --> 00:00:43,920

and the next man on the moon in 2024 a

24

00:00:47,990 --> 00:00:45,640

plant experiment featuring radishes

25

00:00:49,510 --> 00:00:48,000

ph-02 will soon be on its way to the

26
00:00:50,790 --> 00:00:49,520
international space station's advanced

27
00:00:52,709 --> 00:00:50,800
plant habitat

28
00:00:54,389 --> 00:00:52,719
two sea carriers planted wednesday will

29
00:00:56,150 --> 00:00:54,399
fly aboard north of green's 14th

30
00:00:57,430 --> 00:00:56,160
commercial resupply services mission to

31
00:00:58,630 --> 00:00:57,440
the space station

32
00:01:00,229 --> 00:00:58,640
the launcher board the segment

33
00:01:02,389 --> 00:01:00,239
spacecraft is targeted for september

34
00:01:03,349 --> 00:01:02,399
29th from nasa's wallace flight facility

35
00:01:05,509 --> 00:01:03,359
in virginia

36
00:01:07,429 --> 00:01:05,519
the aph is a highly automated plant

37
00:01:08,950 --> 00:01:07,439
griff chamber that is able to closely

38
00:01:09,670 --> 00:01:08,960

regulate variables related to plant

39

00:01:11,830 --> 00:01:09,680

growth

40

00:01:12,789 --> 00:01:11,840

the ph-02 will help scientists

41

00:01:15,190 --> 00:01:12,799

understand how

42

00:01:16,070 --> 00:01:15,200

to reliably grow nutritional food crops

43

00:01:18,070 --> 00:01:16,080

in space

44

00:01:21,590 --> 00:01:18,080

which is critical for nasa's sustainable

45

00:01:23,429 --> 00:01:21,600

human exploration of the moon and mars

46

00:01:31,370 --> 00:01:23,439

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