

KENNEDY COUNTDOWN



1
00:00:04,470 --> 00:00:03,110
i'm nasa kennedy's annie meyer and this

2
00:00:10,230 --> 00:00:04,480
is kennedy countdown

3
00:00:12,150 --> 00:00:10,240
[Music]

4
00:00:14,629 --> 00:00:12,160
scientists at nasa's kennedy space

5
00:00:16,470 --> 00:00:14,639
center in florida are evaluating data

6
00:00:19,349 --> 00:00:16,480
from the orbital syngas commodity

7
00:00:21,910 --> 00:00:19,359
augmentation reactor or oscar which

8
00:00:24,230 --> 00:00:21,920
launched on blue origin's 17th new

9
00:00:26,470 --> 00:00:24,240
shepard mission from west texas

10
00:00:28,790 --> 00:00:26,480
oscar evaluates technology to convert

11
00:00:31,269 --> 00:00:28,800
trash and human waste generated during

12
00:00:34,310 --> 00:00:31,279
space flight into useful gases such as

13
00:00:35,910 --> 00:00:34,320

carbon dioxide hydrogen and methane

14

00:00:38,150 --> 00:00:35,920

launching with oscar was an

15

00:00:40,310 --> 00:00:38,160

electrostatic regolith study from the

16

00:00:42,830 --> 00:00:40,320

university of central florida and

17

00:00:44,950 --> 00:00:42,840

supported by researchers at kennedy the

18

00:00:48,069 --> 00:00:44,960

electrostatic regolith interaction

19

00:00:50,950 --> 00:00:48,079

experiment or erie was designed to study

20

00:00:53,430 --> 00:00:50,960

charged dust behavior in microgravity

21

00:00:55,430 --> 00:00:53,440

both the oscar and erie demonstrations

22

00:00:58,470 --> 00:00:55,440

were launched as part of nasa's flight

23

00:01:00,470 --> 00:00:58,480

opportunities program

24

00:01:02,709 --> 00:01:00,480

teams at kennedy have completed the

25

00:01:04,549 --> 00:01:02,719

launch abort system assembly for the

26

00:01:06,789 --> 00:01:04,559

orion spacecraft

27

00:01:08,950 --> 00:01:06,799

the last of the four protective panels

28

00:01:11,510 --> 00:01:08,960

of the ogi fairings was installed at the

29

00:01:13,429 --> 00:01:11,520

florida spaceport this week the task

30

00:01:15,830 --> 00:01:13,439

represents a major milestone for the

31

00:01:17,350 --> 00:01:15,840

agency's artemis-1 launch scheduled for

32

00:01:18,950 --> 00:01:17,360

later this year

33

00:01:21,510 --> 00:01:18,960

the lightweight fairings will shield the

34

00:01:23,830 --> 00:01:21,520

crew module from severe vibrations and

35

00:01:26,070 --> 00:01:23,840

sounds during launch the launch abort

36

00:01:27,749 --> 00:01:26,080

system is intended to protect astronauts

37

00:01:29,590 --> 00:01:27,759

on future missions

38

00:01:31,910 --> 00:01:29,600

in the unlikely event of an emergency

39

00:01:33,910 --> 00:01:31,920

during liftoff or ascent the system will

40

00:01:36,310 --> 00:01:33,920

pull the spacecraft away from a failing

41

00:01:38,550 --> 00:01:36,320

rocket

42

00:01:41,350 --> 00:01:38,560

to keep up with Kennedy check us out on