

# KENNEDY COUNTDOWN



1  
00:00:07,370 --> 00:00:03,510  
hi i'm nasa kennedy's jennifer guida and

2  
00:00:11,430 --> 00:00:09,270  
[Music]

3  
00:00:13,669 --> 00:00:11,440  
installation of small satellites called

4  
00:00:16,070 --> 00:00:13,679  
cubesats continues in the orion

5  
00:00:18,470 --> 00:00:16,080  
spacecraft adapter at nasa's kennedy

6  
00:00:20,790 --> 00:00:18,480  
space center in florida technicians from

7  
00:00:23,189 --> 00:00:20,800  
the center's exploration ground systems

8  
00:00:25,670 --> 00:00:23,199  
and contractor jacobs are working with

9  
00:00:28,150 --> 00:00:25,680  
cubesat developers to secure the shoebox

10  
00:00:29,669 --> 00:00:28,160  
size secondary payloads inside ryan's

11  
00:00:31,990 --> 00:00:29,679  
stage adapter

12  
00:00:34,709 --> 00:00:32,000  
once complete teams will connect the

13  
00:00:37,270 --> 00:00:34,719

stage adapter to the space launch system

14

00:00:38,310 --> 00:00:37,280

rockets interim cryogenic propulsion

15

00:00:39,910 --> 00:00:38,320

stage

16

00:00:41,750 --> 00:00:39,920

when the cubesats deploy during the

17

00:00:43,670 --> 00:00:41,760

artemis 1 mission they will conduct

18

00:00:45,670 --> 00:00:43,680

science experiments and technology

19

00:00:48,310 --> 00:00:45,680

demonstrations to expand our knowledge

20

00:00:51,029 --> 00:00:48,320

of the lunar surface

21

00:00:52,869 --> 00:00:51,039

work is underway to get nasa's lucy

22

00:00:55,270 --> 00:00:52,879

spacecraft ready for launch at the

23

00:00:56,549 --> 00:00:55,280

kennedy space center workers unpacked

24

00:00:58,549 --> 00:00:56,559

the spacecraft from its shipping

25

00:01:00,790 --> 00:00:58,559

container and moved it onto a dolly to

26

00:01:03,029 --> 00:01:00,800

begin testing and checkouts

27

00:01:05,830 --> 00:01:03,039

lucy will be the first space mission to

28

00:01:07,590 --> 00:01:05,840

study jupiter's trojan asteroids which

29

00:01:09,910 --> 00:01:07,600

may be remnants of the primordial

30

00:01:11,429 --> 00:01:09,920

material that form the outer planets of

31

00:01:13,109 --> 00:01:11,439

our solar system

32

00:01:15,910 --> 00:01:13,119

lucy will study eight different

33

00:01:18,390 --> 00:01:15,920

asteroids over a 12-year span the

34

00:01:21,429 --> 00:01:18,400

spacecraft is scheduled to launch on a

35

00:01:23,590 --> 00:01:21,439

united launch alliance atlas v rocket

36

00:01:25,429 --> 00:01:23,600

from cape canaveral space force station

37

00:01:27,590 --> 00:01:25,439

on october 16th

38

00:01:29,910 --> 00:01:27,600

kennedy's launch services program will

39

00:01:32,390 --> 00:01:29,920

manage the launch

40

00:01:35,350 --> 00:01:32,400

to keep up with kennedy check us out on