

# KENNEDY COUNTDOWN



1  
00:00:04,470 --> 00:00:02,389  
hi i'm nasa kennedy's jim cawley and

2  
00:00:10,629 --> 00:00:04,480  
this is kennedy countdown

3  
00:00:12,950 --> 00:00:10,639  
[Music]

4  
00:00:14,789 --> 00:00:12,960  
nasa's landsat 9 satellite launched on

5  
00:00:17,189 --> 00:00:14,799  
the united launch alliance atlas v

6  
00:00:18,790 --> 00:00:17,199  
rocket from space launch complex 3 at

7  
00:00:20,630 --> 00:00:18,800  
vandenberg space force base in

8  
00:00:22,150 --> 00:00:20,640  
california on monday

9  
00:00:23,990 --> 00:00:22,160  
built to monitor the earth's land

10  
00:00:27,029 --> 00:00:24,000  
surface the satellite will join its

11  
00:00:28,790 --> 00:00:27,039  
sister satellite landsat 8 in orbit

12  
00:00:31,029 --> 00:00:28,800  
working in tandem the two satellites

13  
00:00:33,030 --> 00:00:31,039

will collect images spanning the entire

14

00:00:35,270 --> 00:00:33,040

planet every eight days

15

00:00:38,310 --> 00:00:35,280

landsat 9 is a joint mission between

16

00:00:40,069 --> 00:00:38,320

nasa and the u.s geological survey

17

00:00:43,830 --> 00:00:40,079

nasa's launch services program at

18

00:00:46,069 --> 00:00:43,840

kennedy space center managed the launch

19

00:00:47,670 --> 00:00:46,079

teams at kennedy performed model tests

20

00:00:49,430 --> 00:00:47,680

on the space launch system in the

21

00:00:51,110 --> 00:00:49,440

vehicle assembly building

22

00:00:52,709 --> 00:00:51,120

the tests helped determine the natural

23

00:00:55,029 --> 00:00:52,719

frequencies of the recently stacked

24

00:00:55,990 --> 00:00:55,039

rocket before launch of the artemis-1

25

00:00:58,150 --> 00:00:56,000

mission

26  
00:00:59,910 --> 00:00:58,160  
the data also will be used to help steer

27  
00:01:02,150 --> 00:00:59,920  
the rocket during flight

28  
00:01:04,469 --> 00:01:02,160  
to identify the sls's natural

29  
00:01:05,990 --> 00:01:04,479  
frequencies the team placed about 300

30  
00:01:08,789 --> 00:01:06,000  
sensors on the rocket and mobile

31  
00:01:10,950 --> 00:01:08,799  
launcher to detect record and transmit

32  
00:01:13,750 --> 00:01:10,960  
the information along with hydraulic

33  
00:01:15,670 --> 00:01:13,760  
shakers in seven locations on the rocket

34  
00:01:18,310 --> 00:01:15,680  
additional tests will be completed as

35  
00:01:20,310 --> 00:01:18,320  
nasa prepares for artemis one the first

36  
00:01:22,789 --> 00:01:20,320  
integrated test of the rocket and orion

37  
00:01:24,710 --> 00:01:22,799  
spacecraft

38  
00:01:36,790 --> 00:01:24,720

to keep up with kennedy check us out on