



three tons of science investigations, supplies, and equipment to the orbiting laboratory. This mission marks

1
00:00:04,309 --> 00:00:03,110
hi i'm nasa kennedy's carla cook and i'm

2
00:00:07,829 --> 00:00:04,319
outside ksc

3
00:00:09,750 --> 00:00:07,839
taking you inside ksc

4
00:00:11,910 --> 00:00:09,760
the twin solid rocket boosters that will

5
00:00:13,030 --> 00:00:11,920
help nasa's artemis 1 mission get off

6
00:00:15,110 --> 00:00:13,040
the ground next year

7
00:00:16,470 --> 00:00:15,120
are really coming together teams with

8
00:00:18,390 --> 00:00:16,480
exploration ground systems

9
00:00:20,070 --> 00:00:18,400
and contractor jacobs have started

10
00:00:21,670 --> 00:00:20,080
stacking both of the five segment

11
00:00:22,550 --> 00:00:21,680
boosters on top of the base of the

12
00:00:24,470 --> 00:00:22,560
mobile launcher

13
00:00:25,910 --> 00:00:24,480

inside kennedy's historic vehicle

14

00:00:27,830 --> 00:00:25,920

assembly building

15

00:00:30,150 --> 00:00:27,840

manufactured by northrop grumman the

16

00:00:32,549 --> 00:00:30,160

boosters provide more than 75 percent of

17

00:00:34,069 --> 00:00:32,559

the space launch system or sls rockets

18

00:00:36,150 --> 00:00:34,079

total thrust at launch

19

00:00:37,830 --> 00:00:36,160

the first in a series of increasingly

20

00:00:40,069 --> 00:00:37,840

complex missions

21

00:00:40,950 --> 00:00:40,079

artemis 1 will test the orion spacecraft

22

00:00:42,869 --> 00:00:40,960

and sls

23

00:00:43,990 --> 00:00:42,879

as an integrated system ahead of crude

24

00:00:46,150 --> 00:00:44,000

flights to the moon

25

00:00:47,830 --> 00:00:46,160

under the artemis program nasa will land

26
00:00:51,670 --> 00:00:47,840
the first woman and the next man on the

27
00:00:54,790 --> 00:00:53,590
nasa and spacex are gearing up for the

28
00:00:56,869 --> 00:00:54,800
company's 21st

29
00:00:58,389 --> 00:00:56,879
commercial resupply services mission to

30
00:01:01,189 --> 00:00:58,399
the international space station

31
00:01:02,709 --> 00:01:01,199
the spacex crs 21 mission will deliver

32
00:01:03,830 --> 00:01:02,719
more than three tons of science

33
00:01:05,670 --> 00:01:03,840
investigations

34
00:01:07,670 --> 00:01:05,680
supplies and equipment to the orbiting

35
00:01:08,950 --> 00:01:07,680
laboratory this mission marks many

36
00:01:11,030 --> 00:01:08,960
unique firsts

37
00:01:13,750 --> 00:01:11,040
including the first launch for spacex

38
00:01:15,510 --> 00:01:13,760

under nasa's crs2 contract

39

00:01:16,950 --> 00:01:15,520

the first flight of the upgraded cargo

40

00:01:19,590 --> 00:01:16,960

dragon spacecraft

41

00:01:20,149 --> 00:01:19,600

an atlantic ocean splashdown autonomous

42

00:01:22,789 --> 00:01:20,159

docking

43

00:01:24,070 --> 00:01:22,799

and many more on board is the nanoracks

44

00:01:26,149 --> 00:01:24,080

bishop airlock

45

00:01:27,990 --> 00:01:26,159

the first commercially funded space

46

00:01:29,030 --> 00:01:28,000

station airlock designed to provide

47

00:01:30,710 --> 00:01:29,040

payload hosting

48

00:01:32,630 --> 00:01:30,720

robotics testing and satellite

49

00:01:34,950 --> 00:01:32,640

deployment

50

00:01:35,830 --> 00:01:34,960

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