



INSIDE
▶▶ KSC!

1
00:00:07,110 --> 00:00:03,189
hi i'm nasa kennedy's dev school and i'm

2
00:00:10,150 --> 00:00:07,120
outside ksc taking you inside ksc

3
00:00:12,070 --> 00:00:10,160
nasa's fifth core value inclusion was

4
00:00:13,030 --> 00:00:12,080
installed in the central campus lobby on

5
00:00:16,070 --> 00:00:13,040
september 1st

6
00:00:18,390 --> 00:00:16,080
2020 this fifth core value was added to

7
00:00:21,990 --> 00:00:18,400
the existing values embraced by nasa

8
00:00:23,830 --> 00:00:22,000
safety integrity teamwork and excellence

9
00:00:25,990 --> 00:00:23,840
it is an important step that ensures

10
00:00:27,269 --> 00:00:26,000
this principle remains a long-term focus

11
00:00:30,870 --> 00:00:27,279
for the agency

12
00:00:33,110 --> 00:00:30,880
and becomes part of the nasa family dna

13
00:00:34,870 --> 00:00:33,120

technicians inside the neil armstrong

14

00:00:37,350 --> 00:00:34,880

operations and checkout building

15

00:00:38,709 --> 00:00:37,360

lowered the artemis 1 orion spacecraft

16

00:00:40,389 --> 00:00:38,719

into the fast cell

17

00:00:42,630 --> 00:00:40,399

after completing installation of the

18

00:00:44,709 --> 00:00:42,640

spacecraft adapter cone

19

00:00:46,869 --> 00:00:44,719

this is one of the final major hardware

20

00:00:48,869 --> 00:00:46,879

operations the spacecraft will undergo

21

00:00:50,630 --> 00:00:48,879

during closeout processing before

22

00:00:51,910 --> 00:00:50,640

integration with the space launch system

23

00:00:53,910 --> 00:00:51,920

rocket

24

00:00:56,150 --> 00:00:53,920

the spacecraft adapter cone connects the

25

00:00:57,990 --> 00:00:56,160

bottom portion of orion's service module

26

00:01:00,150 --> 00:00:58,000

to the top part of the rocket

27

00:01:01,830 --> 00:01:00,160

known as the interim cryogenic

28

00:01:04,149 --> 00:01:01,840

propulsion stage

29

00:01:05,910 --> 00:01:04,159

artemis 1 is the first in a series of

30

00:01:06,390 --> 00:01:05,920

increasingly complex missions to the

31

00:01:07,830 --> 00:01:06,400

moon

32

00:01:10,710 --> 00:01:07,840

that will ultimately lead to the

33

00:01:13,030 --> 00:01:10,720

exploration of mars

34

00:01:14,789 --> 00:01:13,040

the last of three motors required to

35

00:01:15,830 --> 00:01:14,799

assemble the launch abort system for

36

00:01:18,230 --> 00:01:15,840

nasa's artemis

37

00:01:19,990 --> 00:01:18,240

ii mission the first crewed flight

38

00:01:21,910 --> 00:01:20,000

arrived by truck at the launch abort

39

00:01:24,230 --> 00:01:21,920

system facility

40

00:01:25,510 --> 00:01:24,240

the attitude control motor manufactured

41

00:01:27,429 --> 00:01:25,520

by northrop grumman

42

00:01:29,270 --> 00:01:27,439

works with the other motors the launch

43

00:01:31,109 --> 00:01:29,280

abort motor and the jettison motor

44

00:01:33,030 --> 00:01:31,119

to separate the spacecraft from the

45

00:01:34,630 --> 00:01:33,040

rocket and the unlikely event of an

46

00:01:36,390 --> 00:01:34,640

emergency during launch

47

00:01:38,310 --> 00:01:36,400

and steer the spacecraft carrying the

48

00:01:40,630 --> 00:01:38,320

astronauts to safety

49

00:01:42,630 --> 00:01:40,640

as part of the artemis program nasa will

50

00:01:43,190 --> 00:01:42,640

send the first woman and the next man to

51

00:01:47,350 --> 00:01:43,200

the moon

52

00:01:48,469 --> 00:01:47,360

in 2024 for more inside ksc check us out

53

00:01:58,290 --> 00:01:48,479

on social media or