INSIDE KSC!

1
00:00:05,300 --> 00:00:02,629
I'm NASA Kennedy's Allyson pig asleep

2
00:00:08,350 --> 00:00:05,310
and I'm outside KSC taking you inside

3
00:00:12,310 --> 00:00:10,879
inside Kennedy Space Center's payload

4
00:00:14,450 --> 00:00:12,320
hazardous servicing facility

5
00:00:16,460 --> 00:00:14,460
preparations continued this week for the

6
00:00:19,939 --> 00:00:16,470
Mars 2020 launch of the perseverance

7
00:00:21,769 --> 00:00:19,949
rover United Launch Alliance or you la

8
00:00:23,599 --> 00:00:21,779
technicians use ground handling

9
00:00:25,939 --> 00:00:23,609
equipment to manually push the two

10
00:00:28,700 --> 00:00:25,949
halves of the 17 foot diameter payload

11
00:00:30,349 --> 00:00:28,710
bearings together for connection this

12
00:00:33,410 --> 00:00:30,359
payload fairing protects the spacecraft

13
00:00:35,270 --> 00:00:33,420

carrying perseverance atop the Atlas 5

14
00:00:38,270 --> 00:00:35,280
rocket during the ascent through Earth's

15
00:00:41,750 --> 00:00:38,280
atmosphere NASA and ula are targeting

16
00:00:43,850 --> 00:00:41,760
July 20th 2020 at 9:15 a.m. Eastern for

17
00:00:45,470 --> 00:00:43,860
the launch the Atlas 5 rocket is

18
00:00:48,020 --> 00:00:45,480
scheduled to liftoff from Space Launch

19
00:00:50,810 --> 00:00:48,030
Complex 41 at Cape Canaveral Air Force

20
00:00:52,910 --> 00:00:50,820
Station there's a two-hour launch window

21
00:00:55,490 --> 00:00:52,920
perseverance is slated to arrive at the

22
00:00:57,049 --> 00:00:55,500
Red Planet on February 18th 2021

23
00:00:58,910 --> 00:00:57,059
once there the rover was searched for

24
00:01:01,160 --> 00:00:58,920
signs of past microbial life

25
00:01:03,860 --> 00:01:01,170
NASA's launch service program based at

26
00:01:06,620 --> 00:01:03,870
Kennedy is managing launch twin boosters

27
00:01:08,359 --> 00:01:06,630
for NASA's Space Launch System or SLS

28
00:01:10,250 --> 00:01:08,369
rocket that will power

29
00:01:13,010 --> 00:01:10,260
Artemis missions to the moon have

30
00:01:14,990 --> 00:01:13,020
arrived at Kennedy the boosters each one

31
00:01:16,969 --> 00:01:15,000
made of five segments departed from a

32
00:01:19,880 --> 00:01:16,979
North and Grumman manufacturing facility

33
00:01:22,520 --> 00:01:19,890
in Utah and are now at candy's rotation

34
00:01:24,320 --> 00:01:22,530
processing and surge facility the

35
00:01:26,120 --> 00:01:24,330
cross-country journey was an important

36
00:01:29,330 --> 00:01:26,130
milestone towards the first launch of

37
00:01:31,399 --> 00:01:29,340
NASA's Artemis program the boosters will

38
00:01:33,230 --> 00:01:31,409

remain inside this processing facility

39
00:01:34,789 --> 00:01:33,240
until it's time to move them to the

40
00:01:36,950 --> 00:01:34,799
Vehicle Assembly Building for stacking

41
00:01:39,230 --> 00:01:36,960
on the mobile launcher NASA is working

42
00:01:41,929 --> 00:01:39,240
to land the first woman and the next man

43
00:01:43,760 --> 00:01:41,939
on the moon by 2020 for the first in a

44
00:01:45,889 --> 00:01:43,770
series of increasingly complex missions

45
00:01:47,929 --> 00:01:45,899
are missed one will test the Orion

46
00:01:49,999 --> 00:01:47,939
spacecraft and SLS as an integrated

47
00:01:51,980 --> 00:01:50,009
system ahead of crewed missions to the

48
00:01:55,850 --> 00:01:51,990
moon the agency is working towards an

49
00:01:56,899 --> 00:01:55,860
Artemis one launch date in 2021 for more

50
00:01:59,010 --> 00:01:56,909
inside KSC

51
00:02:11,750 --> 00:01:59,020
check us out on social media and NASA