
DO NOT REMOVE METAL CAPS
FROM ELECTRONICS AT ANY TIME
PLASTIC
WALLS PRESENT DISCHARGE HAZARD

1
00:00:05,690 --> 00:00:02,990
welcome to Kennedy now a regular look

2
00:00:08,390 --> 00:00:05,700
inside activities in progress at NASA's

3
00:00:11,870 --> 00:00:08,400
Kennedy Space Center in Florida and by

4
00:00:16,790 --> 00:00:11,880
que se teams around the country three

5
00:00:19,760 --> 00:00:16,800
two one main engine start ignition and

6
00:00:22,429 --> 00:00:19,770
liftoff maven flew into space aboard a

7
00:00:24,890 --> 00:00:22,439
United Launch Alliance Atlas 5 rocket on

8
00:00:26,720 --> 00:00:24,900
November eighteenth to cap a flawless

9
00:00:29,810 --> 00:00:26,730
launch campaign by NASA's launch

10
00:00:31,759 --> 00:00:29,820
services program teams of engineers and

11
00:00:33,830 --> 00:00:31,769
technicians spent months preparing the

12
00:00:36,979 --> 00:00:33,840
maven orbiter for a daunting ten-month

13
00:00:38,720 --> 00:00:36,989

journey from Earth to Mars maven orbit

14
00:00:41,450 --> 00:00:38,730
the red planet for at least a year

15
00:00:43,220 --> 00:00:41,460
taking detailed readings about the upper

16
00:00:45,830 --> 00:00:43,230
atmosphere to show scientists

17
00:00:49,639 --> 00:00:45,840
unprecedented details about the planets

18
00:00:52,189 --> 00:00:49,649
ancient air engineers soon will begin

19
00:00:54,740 --> 00:00:52,199
preparation for NASA's next mission the

20
00:00:57,350 --> 00:00:54,750
launch of the Tigres L communications

21
00:00:59,479 --> 00:00:57,360
satellite tigra cell will be the newest

22
00:01:01,459 --> 00:00:59,489
member of the agency's critical network

23
00:01:03,529 --> 00:01:01,469
of satellites that communicates with the

24
00:01:06,170 --> 00:01:03,539
International Space Station the Hubble

25
00:01:09,230 --> 00:01:06,180
Space Telescope and a host of NASA's

26
00:01:10,969 --> 00:01:09,240
scientific observatories launch

27
00:01:12,950 --> 00:01:10,979
preparations for another landmark

28
00:01:15,859 --> 00:01:12,960
mission continued to pick up pace at

29
00:01:17,780 --> 00:01:15,869
Kennedy the first Orion spacecraft is

30
00:01:19,550 --> 00:01:17,790
being readied for an uncrewed test

31
00:01:21,440 --> 00:01:19,560
flight that will evaluate the heat

32
00:01:24,170 --> 00:01:21,450
shield for use on missions returning

33
00:01:26,300 --> 00:01:24,180
astronauts from deep space that heat

34
00:01:29,030 --> 00:01:26,310
shield arrived at Kennedy on December

35
00:01:31,190 --> 00:01:29,040
fifth and was taken to a processing area

36
00:01:33,620 --> 00:01:31,200
where a specialist will attach it to the

37
00:01:35,330 --> 00:01:33,630
bottom of the uriah launch of the test

38
00:01:37,399 --> 00:01:35,340

flight is slated for next year on a

39
00:01:40,280 --> 00:01:37,409
mission that will send the spacecraft

40
00:01:42,649 --> 00:01:40,290
3,600 miles above earth setting up a

41
00:01:44,539 --> 00:01:42,659
searing plunge through the atmosphere to

42
00:01:47,090 --> 00:01:44,549
simulate the forces it will encounter

43
00:01:49,580 --> 00:01:47,100
coming back from an astronaut nasa

44
00:01:51,350 --> 00:01:49,590
administrator charlie bolden and Kennedy

45
00:01:53,539 --> 00:01:51,360
Director Bob Cabana both former

46
00:01:55,280 --> 00:01:53,549
astronauts took a look at some of the

47
00:01:58,429 --> 00:01:55,290
hardware under construction for the

48
00:02:00,770 --> 00:01:58,439
Orion mission the agency's Commercial

49
00:02:03,139 --> 00:02:00,780
Crew program base to kennedy moved

50
00:02:05,719 --> 00:02:03,149
within sight of its ultimate objective

51
00:02:07,940 --> 00:02:05,729
it issued a request for proposals from

52
00:02:09,949 --> 00:02:07,950
the aerospace industry for a commercial

53
00:02:12,050 --> 00:02:09,959
space transportation system that will

54
00:02:13,840 --> 00:02:12,060
fly cruise into orbit and to the

55
00:02:17,290 --> 00:02:13,850
International Space Station in

56
00:02:19,360 --> 00:02:17,300
20-17 the request which will result in a

57
00:02:21,430 --> 00:02:19,370
contract next year builds on the

58
00:02:23,290 --> 00:02:21,440
significant design and development work

59
00:02:25,690 --> 00:02:23,300
nasa and its partners have been involved

60
00:02:29,050 --> 00:02:25,700
in for more than three years while the

61
00:02:31,180 --> 00:02:29,060
proposals are considered CCP partners

62
00:02:32,830 --> 00:02:31,190
continue their development of numerous

63
00:02:35,800 --> 00:02:32,840

systems that will make up their

64
00:02:39,220 --> 00:02:35,810
spacecraft Blue Origin test-fired its

65
00:02:41,350 --> 00:02:39,230
be-3 engine the hydrogen fueled engine

66
00:02:43,630 --> 00:02:41,360
is seen as a power plant for a booster

67
00:02:46,290 --> 00:02:43,640
the company is designing to lift Blue

68
00:02:49,360 --> 00:02:46,300
Origin space vehicle into space

69
00:02:52,450 --> 00:02:49,370
meanwhile Sierra Nevada Corporation and

70
00:02:55,900 --> 00:02:52,460
SpaceX also recently achieved safety