



1
00:00:04,870 --> 00:00:02,550
you're looking live at a united launch

2
00:00:07,909 --> 00:00:04,880
alliance atlas 5 rocket on the launch

3
00:00:09,830 --> 00:00:07,919
pad at space launch complex 41 where we

4
00:00:11,830 --> 00:00:09,840
are less than an hour away from the

5
00:00:14,470 --> 00:00:11,840
launch of boeing starliner to the

6
00:00:16,150 --> 00:00:14,480
international space station

7
00:00:18,070 --> 00:00:16,160
and welcome everyone to the kennedy

8
00:00:20,630 --> 00:00:18,080
space center here in florida it's a

9
00:00:22,150 --> 00:00:20,640
humid day it's a hot day around 83

10
00:00:24,150 --> 00:00:22,160
degrees but it's a wonderful day because

11
00:00:26,630 --> 00:00:24,160
we're launching a rocket and we've got

12
00:00:29,189 --> 00:00:26,640
coverage for you live coverage of boeing

13
00:00:31,669 --> 00:00:29,199

starliner orbital flight test two i'm

14

00:00:34,069 --> 00:00:31,679

daryl nail with nasa and i'm dee russell

15

00:00:35,510 --> 00:00:34,079

with boeing communications boeing crews

16

00:00:38,950 --> 00:00:35,520

worked throughout the day getting

17

00:00:40,790 --> 00:00:38,960

starliner ready from launch complex 41

18

00:00:42,310 --> 00:00:40,800

which is just a few miles away from us

19

00:00:44,549 --> 00:00:42,320

at the cape canaveral space force

20

00:00:49,190 --> 00:00:44,559

station the instantaneous launch window

21

00:00:50,950 --> 00:00:49,200

is scheduled for 6 54 pm eastern time

22

00:00:53,270 --> 00:00:50,960

this is an uncrewed mission that will

23

00:00:55,430 --> 00:00:53,280

test the starliner spacecraft and atlas

24

00:00:57,670 --> 00:00:55,440

5 rocket beginning with launch then

25

00:01:00,790 --> 00:00:57,680

going to docking and undocking and then

26

00:01:02,869 --> 00:01:00,800

of course a return to earth

27

00:01:05,189 --> 00:01:02,879

this test flight will provide valuable

28

00:01:07,590 --> 00:01:05,199

data toward nasa certifying starliner

29

00:01:09,350 --> 00:01:07,600

for regular flights with astronauts to

30

00:01:10,710 --> 00:01:09,360

and from the space station and the nasa

31

00:01:11,990 --> 00:01:10,720

astronauts are really looking forward to

32

00:01:13,670 --> 00:01:12,000

that we're going to talk to them a

33

00:01:15,350 --> 00:01:13,680

little bit later on the show but let's

34

00:01:17,109 --> 00:01:15,360

take you back to yesterday morning what

35

00:01:19,510 --> 00:01:17,119

a beautiful shot this is look at that

36

00:01:22,310 --> 00:01:19,520

this is the rollout of the rocket to the

37

00:01:24,310 --> 00:01:22,320

pad two rail cars pulling the 3.5

38

00:01:26,550 --> 00:01:24,320

million pound convoy

39

00:01:28,230 --> 00:01:26,560

to the mobile and the mobile launch

40

00:01:30,630 --> 00:01:28,240

platform along with the rocket and

41

00:01:33,030 --> 00:01:30,640

starliner spacecraft from the vertical

42

00:01:34,870 --> 00:01:33,040

integration facility out to the launch

43

00:01:37,510 --> 00:01:34,880

pad what a journey

44

00:01:40,149 --> 00:01:37,520

it takes about 20 minutes to travel that

45

00:01:43,270 --> 00:01:40,159

one third of a mile the atlas v rocket

46

00:01:46,149 --> 00:01:43,280

there what a great shot standing 172

47

00:01:51,429 --> 00:01:46,159

feet tall or about 52 meters and it

48

00:01:53,990 --> 00:01:51,439

weighs about 979 000 pounds or 444 000

49

00:01:55,030 --> 00:01:54,000

kilograms fully fueled that's a heavy

50

00:01:56,709 --> 00:01:55,040

rocket

51
00:01:59,109 --> 00:01:56,719
fast forward to today and you can see

52
00:02:01,510 --> 00:01:59,119
there from the live shot in preparation

53
00:02:03,990 --> 00:02:01,520
for launch both stages of the atlas v

54
00:02:06,389 --> 00:02:04,000
rocket were fueled up with propellant

55
00:02:07,830 --> 00:02:06,399
and that happened just a few hours ago

56
00:02:10,229 --> 00:02:07,840
and as you can see from some of our

57
00:02:12,309 --> 00:02:10,239
views provided from our launch cameras

58
00:02:14,949 --> 00:02:12,319
it is a beautiful day out we've got a

59
00:02:16,949 --> 00:02:14,959
low cloud deck in the area some clouds

60
00:02:20,070 --> 00:02:16,959
that have developed we'll talk to our

61
00:02:22,309 --> 00:02:20,080
weather officer about that in just a bit

62
00:02:24,630 --> 00:02:22,319
and earlier today another important

63
00:02:26,630 --> 00:02:24,640

pre-launch milestone was completed

64

00:02:29,270 --> 00:02:26,640

boeing's ground crews inside the white

65

00:02:31,270 --> 00:02:29,280

room closed the hatch to the starliner

66

00:02:33,350 --> 00:02:31,280

although there's no crew flying on this