

@AstroSamantha



# Space**to**Ground

1  
00:00:06,950 --> 00:00:04,950  
houston station on space to ground

2  
00:00:09,270 --> 00:00:06,960  
welcome to space to ground i'm kayla

3  
00:00:11,509 --> 00:00:09,280  
lafrance from liftoff to landing the

4  
00:00:14,390 --> 00:00:11,519  
newest member of nasa's next generation

5  
00:00:16,390 --> 00:00:14,400  
of spacecraft passes critical milestones

6  
00:00:18,790 --> 00:00:16,400  
on the road to flying astronauts to the

7  
00:00:19,990 --> 00:00:18,800  
international space station

8  
00:00:21,590 --> 00:00:20,000  
liftoff

9  
00:00:24,550 --> 00:00:21,600  
after the successful launch of the

10  
00:00:26,950 --> 00:00:24,560  
starliner from space launch complex 41

11  
00:00:29,509 --> 00:00:26,960  
at cape canaveral space force station in

12  
00:00:31,910 --> 00:00:29,519  
florida the uncrew spacecraft spent a

13  
00:00:34,389 --> 00:00:31,920

day in low earth orbit performing system

14

00:00:36,630 --> 00:00:34,399

checkouts and demonstrations

15

00:00:39,110 --> 00:00:36,640

after the on-orbit demonstrations were

16

00:00:41,030 --> 00:00:39,120

completed the starliner autonomously

17

00:00:44,310 --> 00:00:41,040

approached and docked with the space

18

00:00:46,310 --> 00:00:44,320

station's harmony module

19

00:00:47,590 --> 00:00:46,320

it's commander rosie the rocketeer and

20

00:00:49,190 --> 00:00:47,600

all the men and women who poured their

21

00:00:50,549 --> 00:00:49,200

hearts and souls into this vehicle in

22

00:00:52,549 --> 00:00:50,559

this mission welcome to the

23

00:00:55,270 --> 00:00:52,559

international space station

24

00:00:57,590 --> 00:00:55,280

on saturday astronauts open the hatch an

25

00:01:00,150 --> 00:00:57,600

ingressed boeing starliner spacecraft

26

00:01:02,229 --> 00:01:00,160

for the first time marking a historic

27

00:01:03,590 --> 00:01:02,239

moment for the new vehicle and for the

28

00:01:05,590 --> 00:01:03,600

space station

29

00:01:07,109 --> 00:01:05,600

so welcome to starliner for the very

30

00:01:08,310 --> 00:01:07,119

first time ever

31

00:01:10,310 --> 00:01:08,320

in space

32

00:01:11,910 --> 00:01:10,320

rosie the rocketeer is sitting over in

33

00:01:14,070 --> 00:01:11,920

the commander's seat

34

00:01:15,590 --> 00:01:14,080

she's got a great view out her window

35

00:01:18,230 --> 00:01:15,600

over there

36

00:01:20,390 --> 00:01:18,240

the uncrew flight test was designed to

37

00:01:23,030 --> 00:01:20,400

test the end-to-end capabilities of the

38

00:01:24,789 --> 00:01:23,040

crew capable system as part of nasa's

39

00:01:27,030 --> 00:01:24,799

commercial crew program

40

00:01:29,350 --> 00:01:27,040

for this flight test starliner is

41

00:01:31,910 --> 00:01:29,360

carrying about 800 pounds of cargo

42

00:01:34,870 --> 00:01:31,920

payloads and crew supplies

43

00:01:37,030 --> 00:01:34,880

oft2 has provided valuable data towards

44

00:01:38,870 --> 00:01:37,040

nasa certifying boeing's crew

45

00:01:41,270 --> 00:01:38,880

transportation system for regular

46

00:01:43,990 --> 00:01:41,280

flights with astronauts to and from the

47

00:01:46,149 --> 00:01:44,000

space station following certification

48

00:01:48,230 --> 00:01:46,159

nasa emissions aboard starliner will

49

00:01:50,870 --> 00:01:48,240

carry up to four crew members to the

50

00:01:53,030 --> 00:01:50,880

station enabling the continued expansion

51  
00:01:54,950 --> 00:01:53,040  
of the crew and increasing the amount of

52  
00:01:57,830 --> 00:01:54,960  
science and research that can be

53  
00:02:00,149 --> 00:01:57,840  
performed aboard the orbiting laboratory

54  
00:02:01,910 --> 00:02:00,159  
on wednesday the station crew closed the

55  
00:02:04,789 --> 00:02:01,920  
hatch to the starliner and said their

56  
00:02:06,709 --> 00:02:04,799  
goodbyes as the spacecraft autonomously

57  
00:02:09,029 --> 00:02:06,719  
undocked from the space station and

58  
00:02:11,830 --> 00:02:09,039  
began the journey home carrying with it

59  
00:02:15,270 --> 00:02:11,840  
more than 600 pounds of cargo

60  
00:02:17,670 --> 00:02:15,280  
got speed starliner godspeed starliner

61  
00:02:19,830 --> 00:02:17,680  
not long after undocking the starliner

62  
00:02:22,070 --> 00:02:19,840  
re-entered earth's atmosphere and came

63  
00:02:24,790 --> 00:02:22,080

to a landing at the white sand space

64

00:02:26,710 --> 00:02:24,800

harbor in new mexico wrapping up the

65

00:02:29,430 --> 00:02:26,720

six-day mission

66

00:02:32,229 --> 00:02:29,440

and touchdown starliner marking the

67

00:02:34,710 --> 00:02:32,239

completion of orbital flight test two

68

00:02:36,710 --> 00:02:34,720

almost exactly six days into the mission

69

00:02:38,869 --> 00:02:36,720

just a beautiful touchdown in white

70

00:02:40,550 --> 00:02:38,879

sands this evening

71

00:02:42,790 --> 00:02:40,560

and that's face to ground for this busy

72

00:02:44,869 --> 00:02:42,800

week thanks for watching for those

73

00:02:47,190 --> 00:02:44,879

watching us in the united states have a

74

00:02:53,150 --> 00:02:47,200

safe memorial day weekend we'll see you