

071



1
00:00:04,550 --> 00:00:02,629
from launch complex 39 at the kennedy

2
00:00:06,710 --> 00:00:04,560
space center in florida

3
00:00:10,310 --> 00:00:06,720
this is shuttle launch control at t

4
00:00:12,310 --> 00:00:10,320
minus three hours and holding

5
00:00:14,070 --> 00:00:12,320
we are now close to entering the final

6
00:00:15,589 --> 00:00:14,080
hours of the countdown for the launch of

7
00:00:18,870 --> 00:00:15,599
the last flight of space shuttle

8
00:00:20,870 --> 00:00:18,880
endeavour on mission sts-134

9
00:00:23,029 --> 00:00:20,880
the countdown is being controlled from

10
00:00:24,230 --> 00:00:23,039
firing room four of the launch control

11
00:00:26,150 --> 00:00:24,240
center

12
00:00:28,230 --> 00:00:26,160
and will remain on schedule for a

13
00:00:32,389 --> 00:00:28,240

liftoff targeted for

14

00:00:35,110 --> 00:00:32,399

3 47 p.m eastern time

15

00:00:38,549 --> 00:00:35,120

we have about an hour and 18 minutes

16

00:00:41,190 --> 00:00:38,559

remaining in this plan built in hold

17

00:00:43,590 --> 00:00:41,200

this is the 134th launch of the space

18

00:00:46,229 --> 00:00:43,600

shuttle program the 25th launch of space

19

00:00:48,709 --> 00:00:46,239

shuttle endeavour and the 36th flight to

20

00:00:51,510 --> 00:00:48,719

the international space station

21

00:00:52,389 --> 00:00:51,520

this is currently scheduled as a 14-day

22

00:00:54,069 --> 00:00:52,399

mission

23

00:00:57,189 --> 00:00:54,079

with a landing at kennedy space center

24

00:00:59,990 --> 00:00:57,199

currently planned for friday may 13th

25

00:01:02,150 --> 00:01:00,000

at 9 22 a.m

26

00:01:04,549 --> 00:01:02,160

there are six astronauts who will

27

00:01:06,710 --> 00:01:04,559

shortly be boarding endeavour

28

00:01:10,550 --> 00:01:06,720

in route to rendezvous with the

29

00:01:15,590 --> 00:01:12,950

rendezvous with the space station

30

00:01:17,749 --> 00:01:15,600

planned to occur on thursday

31

00:01:20,630 --> 00:01:17,759

endeavour will be delivering the alpha

32

00:01:22,950 --> 00:01:20,640

magnetic spectrometer called ams2

33

00:01:25,030 --> 00:01:22,960

a particle physics detector which is

34

00:01:28,710 --> 00:01:25,040

designed to search for various types of

35

00:01:31,030 --> 00:01:28,720

unusual matter by measuring cosmic rays

36

00:01:33,030 --> 00:01:31,040

and its experiments are designed to help

37

00:01:36,310 --> 00:01:33,040

researchers study and look for clues to

38

00:01:37,749 --> 00:01:36,320

the formation of the universe

39

00:01:40,469 --> 00:01:37,759

endeavor will also bring up to the

40

00:01:42,310 --> 00:01:40,479

station the express logistics carrier 3

41

00:01:44,630 --> 00:01:42,320

an external platform for the space

42

00:01:46,630 --> 00:01:44,640

station that holds large equipment that

43

00:01:49,109 --> 00:01:46,640

will carry spare parts and equipment to

44

00:01:51,510 --> 00:01:49,119

sustain the space station operations

45

00:01:54,310 --> 00:01:51,520

once the last space shuttle flight has

46

00:01:56,950 --> 00:01:54,320

occurred early this summer

47

00:01:58,789 --> 00:01:56,960

there are four planned evas or

48

00:02:01,990 --> 00:01:58,799

spacewalks outside the international

49

00:02:04,389 --> 00:02:02,000

space station during the sts-134 mission

50

00:02:05,990 --> 00:02:04,399

to do maintenance and install

51
00:02:08,150 --> 00:02:06,000
new components

52
00:02:09,749 --> 00:02:08,160
and these will be the last scheduled

53
00:02:12,470 --> 00:02:09,759
space walks

54
00:02:15,030 --> 00:02:12,480
by space shuttle crew members

55
00:02:17,430 --> 00:02:15,040
for the space shuttle program

56
00:02:21,270 --> 00:02:17,440
so at this time we remain on schedule

57
00:02:22,949 --> 00:02:21,280
for our liftoff of endeavor at 3 47 pm

58
00:02:25,110 --> 00:02:22,959
this afternoon