



1  
00:00:07,099 --> 00:00:04,789  
from launch complex 39 at the Kennedy

2  
00:00:09,709 --> 00:00:07,109  
Space Center in Florida this is shuttle

3  
00:00:13,009 --> 00:00:09,719  
launch control at t-minus three hours

4  
00:00:15,140 --> 00:00:13,019  
and holding we are now in the final five

5  
00:00:17,320 --> 00:00:15,150  
hours of the countdown for the launch of

6  
00:00:20,540 --> 00:00:17,330  
space shuttle atlantis on mission

7  
00:00:23,000 --> 00:00:20,550  
sts-125 the countdown is being

8  
00:00:25,670 --> 00:00:23,010  
controlled from very room for at the

9  
00:00:28,790 --> 00:00:25,680  
launch control center and we are on

10  
00:00:33,590 --> 00:00:28,800  
schedule for a liftoff targeted for 228

11  
00:00:36,049 --> 00:00:33,600  
p.m. eastern time this is the 129th

12  
00:00:38,330 --> 00:00:36,059  
launch of the space shuttle program the

13  
00:00:41,510 --> 00:00:38,340

31st launch of space shuttle atlantis

14

00:00:44,779 --> 00:00:41,520

and the 31st visit to the International

15

00:00:47,150 --> 00:00:44,789

Space Station this is an 11-day mission

16

00:00:51,229 --> 00:00:47,160

that includes three six and a half hour

17

00:00:53,119 --> 00:00:51,239

EV azor spacewalks landing is currently

18

00:00:58,369 --> 00:00:53,129

planned for the day after thanksgiving

19

00:01:00,319 --> 00:00:58,379

on november 27 that 943 a.m. there are

20

00:01:02,209 --> 00:01:00,329

six astronauts who will shortly be

21

00:01:05,299 --> 00:01:02,219

aboard atlantis in route to a rendezvous

22

00:01:07,810 --> 00:01:05,309

with the International Space Station the

23

00:01:11,870 --> 00:01:07,820

astronauts are commander Charlie hoba

24

00:01:14,330 --> 00:01:11,880

pilot which will Mar Wilmore and mission

25

00:01:19,730 --> 00:01:14,340

specialists Leland Melvin Randy bresnick

26  
00:01:22,039 --> 00:01:19,740  
Mike Foreman and Bobby sachar activities

27  
00:01:24,020 --> 00:01:22,049  
underway during the past hour have been

28  
00:01:27,050 --> 00:01:24,030  
the inertial measurement pre-flight

29  
00:01:29,510 --> 00:01:27,060  
calibrations the alignment of the Milo

30  
00:01:31,580 --> 00:01:29,520  
tracking station antenna and the ponce

31  
00:01:34,219 --> 00:01:31,590  
de león Inlet tracking station antennas

32  
00:01:37,460 --> 00:01:34,229  
with the launch pad activating the

33  
00:01:39,380 --> 00:01:37,470  
orbiters navigation aids and the initial

34  
00:01:43,370 --> 00:01:39,390  
communications checks with the Air Force

35  
00:01:45,469 --> 00:01:43,380  
eastern range meanwhile the final

36  
00:01:46,940 --> 00:01:45,479  
inspection team has been measuring the

37  
00:01:49,490 --> 00:01:46,950  
temperatures on the surface of the

38  
00:01:52,429 --> 00:01:49,500

vehicle looking for any ice buildup and

39

00:01:54,380 --> 00:01:52,439

performing a final check for any fought

40

00:01:56,959 --> 00:01:54,390

or foreign object debris that could

41

00:01:58,880 --> 00:01:56,969

strike the orbiter upon ignition the

42

00:02:01,249 --> 00:01:58,890

seven-member team will have walked up

43

00:02:03,080 --> 00:02:01,259

and down the entire 380-foot tower the

44

00:02:09,930 --> 00:02:03,090

fixed service structure at the

45

00:02:15,520 --> 00:02:12,430

fueling of space shuttle Atlantis began

46

00:02:17,830 --> 00:02:15,530

at 503 this morning and concluded at

47

00:02:20,770 --> 00:02:17,840

exactly eight a.m. eastern time without

48

00:02:23,170 --> 00:02:20,780

any issues and the countdown continues

49

00:02:26,170 --> 00:02:23,180

not to work any problems and has been

50

00:02:28,690 --> 00:02:26,180

going very smoothly we have

51  
00:02:30,940 --> 00:02:28,700  
approximately 59 minutes and 30 seconds

52  
00:02:36,070 --> 00:02:30,950  
remaining in this hold at t-minus three

53  
00:02:37,480 --> 00:02:36,080  
hours and our weather forecast is not

54  
00:02:40,000 --> 00:02:37,490  
quite as say verbal as what we had

55  
00:02:41,770 --> 00:02:40,010  
yesterday we're looking at a thirty

56  
00:02:43,720 --> 00:02:41,780  
percent chance of not meeting the launch

57  
00:02:48,070 --> 00:02:43,730  
weather criteria by the time we get to

58  
00:02:51,280 --> 00:02:48,080  
liftoff time at 228 primarily due to an

59  
00:02:57,970 --> 00:02:51,290  
increased chance for a low cloud deck

60  
00:02:59,860 --> 00:02:57,980  
and we'll hear more about that in about

61  
00:03:02,160 --> 00:02:59,870  
a half hour with one of the launch

62  
00:03:05,650 --> 00:03:02,170  
weather officers who will be here to

63  
00:03:07,810 --> 00:03:05,660

talk more about our launch weather and

64

00:03:10,780 --> 00:03:07,820

our forecast for overseas at the

65

00:03:12,910 --> 00:03:10,790

overseas contingency landing sites at