



1
00:00:00,000 --> 00:00:01,000

\h

2
00:00:01,310 --> 00:00:04,160

George Diller/STS-132 Launch Commentator: From Launch Complex 39 at the Kennedy Space Center in Florida

3
00:00:05,460 --> 00:00:09,193

this is Shuttle Launch Control at T-3 hours and holding.

4
00:00:10,950 --> 00:00:18,283

We are now about to enter the final five hours of the countdown for the launch of Atlantis on mission STS-132.

5
00:00:19,750 --> 00:00:25,216

The countdown is being controlled from
Firing Room 4 at the Launch control Center,

6
00:00:25,770 --> 00:00:30,570

and we are on schedule for liftoff, targeted for 2:20 p.m. Eastern time.

7
00:00:34,890 --> 00:00:41,356

This is the 132nd launch of the Space Shuttle Program, the 32nd launch of space shuttle Atlantis,

8
00:00:43,270 --> 00:00:47,470

and the 34th shuttle flight to the International Space Station.

9
00:00:47,960 --> 00:00:55,360

This will be a 12-day mission with a landing
at Kennedy Space Center, currently planned for May 26 at 8:44 a.m.

10
00:00:56,840 --> 00:00:58,540

There are six astronauts who will shortly be aboard Atlantis en route to a rendezvous with the International Space Station.

11
00:01:03,340 --> 00:01:03,386

There are three planned EVAs, or spacewalks, during the mission that will last approximately six hours during

12
00:01:10,560 --> 00:01:16,293

the one-week period that Atlantis will be docked with the International Space Station.

13
00:01:19,710 --> 00:01:19,936
The launch countdown began here in Firing Room 4 of the Launch Control Center at 4 p.m. on Tuesday afternoon.

14
00:01:26,750 --> 00:01:27,676
There are 70 hours, 15 minutes in the countdown, including built-in holds leading to the opening of the launch vehicle.

15
00:01:33,690 --> 00:01:34,160
There are two remaining planned built-in holds to come in the countdown today:

16
00:01:38,420 --> 00:01:41,953
a 10-minute hold at the T-20 minute mark at 1:05 p.m.

17
00:01:43,830 --> 00:01:47,563
and a 40-minute hold at the T-9 minute mark at 1:26 p.m.

18
00:01:49,480 --> 00:01:56,280
And in this current built-in hold at T-3 hours, we have one hour and 22 minutes remaining in the hold.

19
00:01:59,050 --> 00:02:00,246
The retraction of the gantry-like rotating service structure from around Atlantis was

20
00:02:03,520 --> 00:02:06,853
around 5:29 p.m. on Thursday, yesterday afternoon.

21
00:02:09,440 --> 00:02:09,633
After that time, switches in the cockpit were configured for launch by astronaut personnel aboard Atlantis.

22
00:02:16,380 --> 00:02:23,846
And yesterday afternoon, there was also a final stowage of time-critical items that the crew will use during the

23
00:02:25,100 --> 00:02:29,700
mission as well as the science experiments placed aboard the middeck.

24
00:02:31,410 --> 00:02:32,323

And then personnel began to be cleared
from the launch pad, and the orbiter's

25

00:02:35,630 --> 00:02:39,496

cryogenic fuel cells were activated, just
before midnight.

26

00:02:40,400 --> 00:02:41,020

With one hour, 18 minutes, 47 seconds
remaining in this planned, built-in hold, we're
at T-3 hours and holding.