

Rosie



BOEING **STARLINER**
Orbital Flight Test

L-7minus

1:04:36

Boeing's CST-100 Starliner is scheduled to lift off at 6:36 a.m. EST atop a United Launch Alliance Atlas V rocket from Space Launch Complex-41 to the

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00:00:00,500 --> 00:00:03,909

Marie Lewis: Welcome this morning to NASA's Kennedy Space Center in Florida.

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00:00:03,909 --> 00:00:05,910

I'm Marie Lewis with NASA Public Affairs.

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00:00:05,910 --> 00:00:08,480

Josh Barrett: And I'm Josh Barrett with Boeing Communications.

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00:00:08,480 --> 00:00:12,410

Starliner is nearly ready for our uncrewed Orbital Flight Test; you can see it over our

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00:00:12,410 --> 00:00:14,059

shoulders, lit up on the launch pad.

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00:00:14,059 --> 00:00:18,200

It's a little windy out, but right now, that won't stop liftoff scheduled for 6:36

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00:00:18,200 --> 00:00:19,200

a.m.

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00:00:19,200 --> 00:00:20,200

Eastern time.

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00:00:20,200 --> 00:00:21,240

Let's take a look again at the pad.

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00:00:21,240 --> 00:00:24,330

Ground crews are currently wrapping up operations in the White Room.

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00:00:24,330 --> 00:00:29,529

I want to take you back to about 4:34 a.m. this morning – that's when they actually

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00:00:29,529 --> 00:00:31,450

closed the hatch inside the White Room.

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00:00:31,450 --> 00:00:34,600

We should have some video of them wrapping up that operation.

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00:00:34,600 --> 00:00:36,920

Marie: Yeah, and –

Josh: There you go, there you see it.

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00:00:36,920 --> 00:00:42,330

Now, the pad team is actually running about 45 minutes ahead of schedule, which is really

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00:00:42,330 --> 00:00:44,010

awesome news on their first time doing this.

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00:00:44,010 --> 00:00:45,010

Marie: Yeah, remarkable.

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00:00:45,010 --> 00:00:48,270

Because this is the first time they're doing it for real.

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00:00:48,270 --> 00:00:49,789

So, it was so cool.

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00:00:49,789 --> 00:00:53,090

I mean, this video you're seeing was a little bit earlier this morning.

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00:00:53,090 --> 00:00:54,210

Like you said, they're ahead of schedule.

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00:00:54,210 --> 00:00:58,590

So, they've already left the White Room, but everything is looking good.

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00:00:58,590 --> 00:01:02,920
And there's no crew flying today, but teams are operating just as if astronauts are on

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00:01:02,920 --> 00:01:03,920
board.

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00:01:03,920 --> 00:01:07,840
Now this is a live view – you see the crew still up there on the tower.

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00:01:07,840 --> 00:01:11,740
And we are, as we get closer to launch, we're going to see the White Room and the crew access

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00:01:11,740 --> 00:01:16,330
arm start to swing away from Starliner in preparation for liftoff.

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00:01:16,330 --> 00:01:19,610
But, there they are making those final preparations to leave the pad.

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00:01:19,610 --> 00:01:24,450
Josh: Now, this uncrewed test flight is incredibly important for us to prove that we can safely

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00:01:24,450 --> 00:01:26,810
fly astronauts to the International Space Station.

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00:01:26,810 --> 00:01:32,210
Marie: This is a huge day for the entire NASA, Boeing and United Launch Alliance teams.

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00:01:32,210 --> 00:01:36,960
Since the Space Shuttle Program ended, we've all been working hard to return human spaceflight

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00:01:36,960 --> 00:01:39,420
capability to the United States.

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00:01:39,420 --> 00:01:42,310
We call this effort NASA's Commercial Crew Program.

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00:01:42,310 --> 00:01:47,829
It's a partnership we have with Boeing and SpaceX, and today is Starliner's big debut.

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00:01:47,829 --> 00:01:53,610
Josh: And our goal is for everyone watching today to see a mission as close as possible

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00:01:53,610 --> 00:01:57,869
to a crewed flight, and to collect the mountains of data that we can only learn from flying.

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00:01:57,869 --> 00:02:01,729
Marie: It's also the first time our mission teams have a chance to put Starliner through

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00:02:01,729 --> 00:02:02,729
its paces.

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00:02:02,729 --> 00:02:06,869
We've all been practicing, but now, as you can see in the control room, it's game day.

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00:02:06,869 --> 00:02:09,880
Josh: We're really excited to show you how this all comes together.

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00:02:09,880 --> 00:02:14,510
Teams from NASA, Boeing and ULA all have to be in lock step to be successful today.

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00:02:14,510 --> 00:02:19,220
We all have people spread across the country

sitting on console.

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00:02:19,220 --> 00:02:24,060
We have three control rooms here in Florida:
United Launch Alliance's Atlas Spaceflight

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00:02:24,060 --> 00:02:28,390
Operations Center is on the Cape Canaveral
Air Force Station, Starliner's Launch Control

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00:02:28,390 --> 00:02:32,599
– the Boeing Mission Control Center – is
just across the street from us here at Kennedy...

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00:02:32,599 --> 00:02:37,890
Marie: And NASA's Emergency Operations Center
is activated, ready to respond at a moment's

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00:02:37,890 --> 00:02:38,890
notice.

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00:02:38,890 --> 00:02:43,030
Then in Houston at Johnson Space Center, the
Space Station Control Room is following the

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00:02:43,030 --> 00:02:44,550
mission closely as well.

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00:02:44,550 --> 00:02:48,459
Josh: And Starliner's Mission Control is
just down the hall from that Space Station

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00:02:48,459 --> 00:02:51,960
Control Room, that's where flight controllers
are actually commanding the vehicle right

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00:02:51,960 --> 00:02:52,960
now.