



1

00:00:01,970 --> 00:00:03,280

\h Allard Beutel/STS-130 Launch

Commentator: This is Shuttle Launch Control

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00:00:03,280 --> 00:00:08,970

\h at NASA's Kennedy Space Center in Florida at T minus three hours and holding.

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00:00:08,970 --> 00:00:11,930

\h We are a little less than five hours and 15 minutes away from the launch of space

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00:00:11,930 --> 00:00:17,980

\h shuttle Endeavour on its STS-130 mission to the International Space Station.

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00:00:17,980 --> 00:00:20,930

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This is Endeavour's second launch attempt in two days.

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00:00:20,930 --> 00:00:24,880

\h Although, given the time of day, it feels like it has been one long day for a lot of the flight

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00:00:24,880 --> 00:00:27,400

\h controllers here at the Kennedy Space Center.

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00:00:27,400 --> 00:00:31,610

\h This morning at 4:30 a.m. Eastern, the first attempt was scrubbed just nine minutes before its

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00:00:31,610 --> 00:00:38,170

\h scheduled liftoff because low clouds unexpectedly rolled in over the Kennedy Space Center.

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00:00:38,170 --> 00:00:41,180

\h Currently, launch controllers are not working any technical issues that would prevent us

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00:00:41,180 --> 00:00:45,800

\h from launching on time at 4:14 a.m. Eastern Monday.

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00:00:45,800 --> 00:00:53,560

13 But forecasters are calling for a 40 percent chance of very similar conditions from last night --

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00:00:53,560 --> 00:01:00,760

low clouds again around the liftoff time to prevent liftoff tomorrow morning.

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00:01:00,760 --> 00:01:03,870

Managers and engineers are directing and monitoring Endeavour's countdown from

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00:01:03,870 --> 00:01:10,040

Firing Room 4 here in the Launch Control Center, about 3 1/2 miles away from the shuttle.

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00:01:10,040 --> 00:01:15,490

During the next five hours, we'll take a look at the STS-130 mission, its six astronauts,

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00:01:15,490 --> 00:01:23,690

and cargo, as well as follow along as launch controllers get Endeavour ready to start its 13-day flight to

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00:01:23,690 --> 00:01:31,290

During the STS-130 mission, astronauts will attach NASA's final major crew module to the station.

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00:01:31,290 --> 00:01:38,090

It's called the Tranquility node and attached to it is essentially a seven-pane bay window called a cupola

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00:01:38,090 --> 00:01:44,350

crews a new location to control the station's robotic arm and will arguably sport the best views looking d

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00:01:44,350 --> 00:01:48,600

Earth and space from anywhere inside the orbiting laboratory.

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00:01:48,600 --> 00:01:54,380

And we've gotten some questions about this just in case anyone has any NASA-related side bets about

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00:01:54,380 --> 00:02:00,060

place tonight a couple hundred miles south of here, in Miami, Endeavour's crew did not watch the game

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00:02:00,060 --> 00:02:08,760

but it was sent up to the International Space Station for the five Expedition 22 crew members to watch, i

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00:02:08,760 --> 00:02:11,600

\h Again, launch teams are not working any issues right now that would prevent us from