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My name is Ryan McKibben and I'm a test Operations Engineer out here at Stennis Space Center,

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we're testing the RS-25 rocket engine for Space Launch Systems.

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Music

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The RS-25 Rocket Engine, there will be four of them on the Space Launch System and that's the vehicle we will

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They're very efficient, very powerful, engines. We're running it at a higher power level than what we did with Shuttle

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We also have a new controller, you can see that on the engine we're testing it out making sure everything works

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On the ground, before they launch, a lot of people assist.

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One of the things that excites me the most about this project is we have a new destination, Mars, we're getting

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Let me tell you about one more of our traditions testing rocket engines out at Stennis Space Center.

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We wear Hawaiian shirts.