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

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

Music

The RS-25 Rocket Engine, there will be four of them on the Space Launch System and that’s the vehicle we will use to get to Mars.

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

We also have a new controller, you can see that on the engine we’re testing it out making sure everything works real well here.

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

One of the things that excites me the most about this project is we have a new destination, Mars, we’re getting ready to develop a new space vehicle that’s going to have four of these RS-25 rocket engines on it.

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

We wear Hawaiian shirts.

We work very hard to get into our rocket engine tests.

We’re confident in our assistants and that they are allowed to wear Hawaiian shirts to show off a little of our personality.