at the Kennedy Space Center in Florida

nASA has taken another step in the

journey to Mars on February 1st the

pressure vessel for an Orion spacecraft

arrived at the Shuttle Landing Facility

operated by space flora at Kennedy late

in 2018 this spacecraft will liftoff

atop NASA's Space Launch System rocket

on the vehicles maiden voyage

technicians with Lockheed Martin Orion's

prime contractor completed the final

welds on the spacecraft in mid-January

at NASA's Michoud assembly facility in

New Orleans after arrival at the Florida
spaceport Orion was unloaded from the super guppy wide-bodied cargo aircraft and transported to the spaceport Neil Armstrong operations and check-out building inside the facility's high bay technicians removed Orion from a shipping container to begin preliminary checkouts On February 3rd members of the news media were given an opportunity to see the new spacecraft and hear from Orion program leaders this is our Fulop Orion spacecraft on top of the SLS rocket the most powerful rocket ever launched and this will be our test to
00:01:10,379 --> 00:01:13,349
ing out the vehicle to make sure it's
safe to put humans in it on the very
next flight so we're very excited to
start we're here today marking the
delivery of the crew module for the
exploration mission-1 so this pressure
vessel has been under construction for
the last several months actually for the
last year and a half or so across the
country and machine shops
welded at the Michoud assembly facility
and just on Monday delivered here with
NASA super guppy ready to start the rest
of its integration and assembly over the
00:01:46,319 --> 00:01:48,959
coming months

Orion will be subjected to robust testing to ensure the structure is sound before other elements are added to the spacecraft in preparation for exploration mission-1 or em1 unpiloted.

First flight of the SLS will pave the way for future missions with astronauts traveling beyond low-earth orbit for the first time since the Apollo era. We're gonna travel 40,000 miles beyond the moon so moon 270 some thousand miles farther than any human capable spacecrafts going ever iam one will.
allow NASA to use the lunar facility as a proving ground to test Orion's technologies for successful trips into deep space prior to sending astronauts on missions to an asteroid and eventually continuing on NASA's journey to Mars the best of the past going into the future I say I'm thrilled this is an important step with seeing that actual object there and knowing that like I say when it leaves it's leaving Florida vertically and I want to be here for that event I can't wait for it to happen