



1
00:00:00,000 --> 00:00:04,000

The James Webb Space Telescope has officially completed its time at NASA's Goddard Space Flight Center in

2
00:00:04,960 --> 00:00:08,060

Over the past 21 years, hundreds of people developed,

3
00:00:08,060 --> 00:00:12,200

assembled, and tested the telescope.

4
00:00:13,440 --> 00:00:20,140

In 2017, the telescope passed major tests to help it get ready for space.

5
00:00:20,360 --> 00:00:27,220

One major extreme cold optical test remains,

6
00:00:27,220 --> 00:00:30,900

which requires a test chamber bigger than any at Goddard.

7
00:00:30,900 --> 00:00:36,640

Enter Chamber NASA's largest cryogenic vacuum chamber, located at Johnson Space Center in Houston, TX.

8
00:00:36,660 --> 00:00:44,460

Webb recently made the trip from NASA Goddard to Johnson.

9
00:00:52,060 --> 00:00:48,780

music

10
00:00:52,060 --> 00:00:56,820

Webb's transporter is a specially designed climate-controlled container.

11
00:00:56,850 --> 00:01:00,870

It is called the Space Telescope Transporter for Air Road and Sea, or STTARS.

12
00:01:11,180 --> 00:01:04,900

music

13
00:01:11,180 --> 00:01:14,400

STTARS is so tall

14

00:01:14,400 --> 00:01:18,080

that some streetlights and power cables had to be lifted.

15

00:01:18,080 --> 00:01:21,060

music

16

00:01:21,060 --> 00:01:27,860

Inside Chamber A, the telescope will spend about 100 days in a freezer that mimics the temperatures in space

17

00:01:27,860 --> 00:01:32,120

Light will pass through the telescope to recheck all its optics and ensure they are correctly aligned.