



1
00:00:00,000 --> 00:00:29,870

Music

2
00:00:29,905 --> 00:00:31,758

It may not look like much right now but

3
00:00:31,793 --> 00:00:33,278

right behind me the Vertical Assembly

4
00:00:33,313 --> 00:00:36,615

Building, one of the largest and most

5
00:00:36,650 --> 00:00:38,615

precise welding machines is about to

6
00:00:38,993 --> 00:00:39,647

take shape.

7
00:00:40,249 --> 00:01:23,687

Music

8
00:01:23,722 --> 00:01:24,966

The vertical assembly center will be

9
00:01:25,001 --> 00:01:28,991

about 175 feet tall; in fact, it qualifies as

10
00:01:29,026 --> 00:01:31,031

a skyscraper for the building code.

11
00:01:31,066 --> 00:01:33,247

It weighs about three million pounds

12
00:01:33,282 --> 00:01:36,911

and it is made so that we can produce

13
00:01:36,946 --> 00:01:39,630

Space Launch System tanks propellant

14

00:01:39,665 --> 00:01:41,375

tanks with the highest degree of

15

00:01:41,410 --> 00:01:43,575

precision in the most affordable way

16

00:01:43,610 --> 00:01:46,951

possible. We will be making both liquid

17

00:01:46,986 --> 00:01:48,639

hydrogen and the liquid oxygen tanks

18

00:01:48,674 --> 00:01:51,256

at the vehicle assembly center.

19

00:01:51,291 --> 00:01:52,847

We had to create a very strong

20

00:01:52,882 --> 00:01:54,767

foundation for it which took a while.

21

00:01:54,802 --> 00:01:56,991

Now we are ready to build the tower

22

00:01:57,026 --> 00:01:59,038

elements and finally put the

23

00:01:59,073 --> 00:02:01,023

welding element back in. This will take

24

00:02:01,058 --> 00:02:02,887

shape over the next few weeks.