



1  
00:00:08,710 --> 00:00:06,789  
recently the space launch system

2  
00:00:11,030 --> 00:00:08,720  
received authorization from the agency

3  
00:00:12,870 --> 00:00:11,040  
to proceed into the implementation phase

4  
00:00:15,990 --> 00:00:12,880  
this means that the path for the future

5  
00:00:18,070 --> 00:00:16,000  
of sls has been paid so the sls is

6  
00:00:19,750 --> 00:00:18,080  
really excited about our core stage it

7  
00:00:21,990 --> 00:00:19,760  
is what's happening right now in our

8  
00:00:23,830 --> 00:00:22,000  
program the installation of the vehicle

9  
00:00:25,830 --> 00:00:23,840  
assembly center at map is an important

10  
00:00:27,509 --> 00:00:25,840  
part of our mission the focus here at

11  
00:00:30,070 --> 00:00:27,519  
the michoud assembly facility in new

12  
00:00:31,910 --> 00:00:30,080  
orleans louisiana is factory readiness

13  
00:00:34,150 --> 00:00:31,920

we're looking at weld operations coming

14

00:00:36,870 --> 00:00:34,160

online construction of facilities still

15

00:00:38,869 --> 00:00:36,880

ongoing and bringing online the assembly

16

00:00:40,630 --> 00:00:38,879

and integration areas to put together

17

00:00:43,030 --> 00:00:40,640

the integrated core stage and later the

18

00:00:45,030 --> 00:00:43,040

upper stage the core stage is the

19

00:00:46,790 --> 00:00:45,040

backbone it's the heart of the vehicle

20

00:00:50,389 --> 00:00:46,800

everything else hangs off of it the

21

00:00:52,389 --> 00:00:50,399

boosters the rs25 engines the icps this

22

00:00:54,389 --> 00:00:52,399

core stage is the core stays of the

23

00:00:56,790 --> 00:00:54,399

future it's the core stage designed for

24

00:00:59,110 --> 00:00:56,800

mars the future is now the different

25

00:01:01,670 --> 00:00:59,120

areas of the factory were first the weld

26  
00:01:03,430 --> 00:01:01,680  
areas on one portion of the factory the

27  
00:01:06,310 --> 00:01:03,440  
middle section of the factory has to do

28  
00:01:08,230 --> 00:01:06,320  
with our tank processing proof testing

29  
00:01:09,910 --> 00:01:08,240  
the tank cleaning the tank putting the

30  
00:01:11,590 --> 00:01:09,920  
epoxy primer on the tank and then

31  
00:01:13,590 --> 00:01:11,600  
finally the thermal protection system

32  
00:01:15,270 --> 00:01:13,600  
foams and then the final area of the

33  
00:01:17,350 --> 00:01:15,280  
factory has to do with the assembly and

34  
00:01:19,270 --> 00:01:17,360  
integration areas because we're building

35  
00:01:21,190 --> 00:01:19,280  
a rocket and not the external tank of

36  
00:01:23,270 --> 00:01:21,200  
yesteryear on the shuttle program we

37  
00:01:25,429 --> 00:01:23,280  
need to bring on engine integration and

38  
00:01:27,510 --> 00:01:25,439

avionics that we didn't have in prior

39

00:01:29,590 --> 00:01:27,520

processing that gives us a much more

40

00:01:30,870 --> 00:01:29,600

complex factory but we're excited with

41

00:01:33,350 --> 00:01:30,880

the challenge

42

00:01:36,469 --> 00:01:33,360

when we've completed it this factory

43

00:01:38,149 --> 00:01:36,479

with its people and his facilities will