1 00:00:00,030 --> 00:00:04,049  
NASA offered a glimpse of what if

2 00:00:02,250 --> 00:00:06,330  
Launchpad will look like later this

3 00:00:04,049 --> 00:00:07,950  
decade when workers move the mobile

4 00:00:06,330 --> 00:00:11,070  
launcher to Kennedy Space Center’s

5 00:00:07,950 --> 00:00:14,460  
launch pad 39b in Florida for two weeks

6 00:00:11,070 --> 00:00:16,320  
of structural and other testing reaching

7 00:00:14,460 --> 00:00:19,589  
four hundred feet above the crawler way

8 00:00:16,320 --> 00:00:21,868  
the dark-colored platform with its 350

9 00:00:19,589 --> 00:00:23,939  
five foot tall gray steel tower is

10 00:00:21,868 --> 00:00:26,129  
reminiscent of the launch umbilical

11 00:00:23,939 --> 00:00:29,368  
Tower used during the Apollo era to

12 00:00:26,129 --> 00:00:31,799  
support the Saturn 5 rocket the new

13 00:00:29,368 --> 00:00:34,049  
mobile launcher or inhale was first

14 00:00:31,800 --> 00:00:36,179  
designed for a thin rocket will be
Modified to host NASA's Space Launch System, a heavy lift rocket under development that will launch astronauts to deep space with the main structure ready and rocket design chosen official said it was time to take the mobile launcher on a 4.2 mile trip its worksite beside the Vehicle Assembly Building to launch pad 39B NASA's 21st century ground systems program is overseeing the MLS construction and modifications the trip took a little more than nine hours to complete starting at about 9:15 a.m. to November 16th and ending at 6:20 9 p.m.
the structure had never been moved and

far so it gave engineers a chance to see

how it would behave look for signs of

sway or other dynamics and will evaluate

the data in the coming weeks to help

determine future modifications the email

will see several modifications in the

coming years as it fitted for the SLS

and NASA's new Orion spacecraft

swingarms will be at

to the m/l to carry propellant to make

information and electrical connections

to the different stages of the rocket a

crew access arm will be added to also

reach out to the Orion capsule at the top of the rocket after those additions are made in the coming years the tower will again be moved to pad B to assess the structure again before the rocket itself is built on it and rolled out for a test flight without a crew as soon as 2017