



## First TSMU Installed on Mobile Launcher

The first of two 35-foot-tall Tail Service Mast Umbilicals, or TSMUs, was lifted up and

1

00:00:00,909 --> 00:00:05,560

Hi, I'm NASA Kennedy's Lindsey Crown and I'm taking you Inside KSC!

2

00:00:05,560 --> 00:00:12,639

Aeroshells for Orion's Ascent Abort 2 Flight Test in April 2019 arrived at Kennedy Space

3

00:00:12,639 --> 00:00:13,660

Center in Florida.

4

00:00:13,660 --> 00:00:17,070

The three outer coverings are being stored inside the Vehicle Assembly Building.

5

00:00:17,070 --> 00:00:22,380

They will be stacked and bolted before being used in pathfinding exercises - and then for

6

00:00:22,380 --> 00:00:23,380

flight.

7

00:00:23,380 --> 00:00:27,039

The aeroshells will provide the covering around the Ascent Test Booster for the flight test

8

00:00:27,039 --> 00:00:32,200

launch from Space Launch Complex 46 on Cape Canaveral Air Force Station.

9

00:00:32,200 --> 00:00:37,350

NASA's Orion spacecraft is being built to take humans back to the Moon and on to Mars.

10

00:00:37,350 --> 00:00:44,530

The first of two 35-foot-tall Tail Service Mast Umbilicals, or TSMUs, was lifted up and

11

00:00:44,530 --> 00:00:47,030

installed on the mobile launcher at Kennedy.

12  
00:00:47,030 --> 00:00:52,079  
The installation brings Exploration Ground  
Systems one step closer to supporting prelaunch

13  
00:00:52,079 --> 00:00:57,690  
operations for NASA's Space Launch System  
rocket and Orion spacecraft on Exploration

14  
00:00:57,690 --> 00:00:58,780  
Mission-1.

15  
00:00:58,780 --> 00:01:04,040  
The TSMUs will provide liquid oxygen and liquid  
hydrogen fluid lines and electrical cable

16  
00:01:04,040 --> 00:01:09,190  
connections to the core stage engine section  
of the rocket.