



1

00:00:00,550 --> 00:00:04,820

Hello, I'm one of NASA Kennedy's launch director, Charlie Blackwell Thompson, and

2

00:00:04,820 --> 00:00:07,160

I'm taking you Inside KSC

3

00:00:10,000 --> 00:00:15,740

The first major integrated operation at Launch Pad 39B began this week with the initial tanking

4

00:00:15,740 --> 00:00:21,200

of a cryogenic fuel, liquid oxygen, into a giant sphere at the northwest corner of the pad.

5

00:00:21,200 --> 00:00:26,300

This operation will help the center prepare for the launch of NASA's Orion spacecraft

6

00:00:26,310 --> 00:00:31,890

atop the Space Launch System rocket on its first uncrewed test flight.

7

00:00:31,890 --> 00:00:37,110

Several Praxair trucks arrived and offloaded their liquid oxygen, or LO2, slowly, one at

8

00:00:37,110 --> 00:00:41,910

a time, into the cryogenic sphere to chill it down from normal temperature to about negative

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00:00:41,910 --> 00:00:44,910

298 degrees Fahrenheit.

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00:00:44,910 --> 00:00:49,660

Another wave of trucks arrived and offloaded their LO2 all at the same time.

11

00:00:49,660 --> 00:00:54,289

During the next several months, trucks will continue to arrive and offload fuel into the

12
00:00:54,289 --> 00:00:58,560
sphere that can hold about 900,000 gallons of liquid oxygen.

13
00:00:59,489 --> 00:01:04,019
Upgrades and construction continues as Kennedy Space Center completes the transition to a

14
00:01:04,019 --> 00:01:06,140
multi-user spaceport.

15
00:01:06,140 --> 00:01:10,610
As the new Central Campus takes shape in the Industrial Area, older facilities, such as

16
00:01:10,610 --> 00:01:16,810
the Central Instrumentation Facility, or CIF, are being demolished.

17
00:01:16,810 --> 00:01:20,190
Construction of the CIF began in 1964.

18
00:01:20,190 --> 00:01:24,600
The facility provided support to the Apollo and Space Shuttle Programs.

19
00:01:24,600 --> 00:01:29,820
It was the hub of instrumentation and data processing operations until a modern energy-efficient

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00:01:29,820 --> 00:01:34,510
Data Center was opened in 2015 to replace it.