



**INSIDE
▶▶ KSC!**

1
00:00:08,839 --> 00:00:02,600
hi I'm NASA Kennedy's Jacob Roth and I'm

2
00:00:10,339 --> 00:00:08,849
taking you inside KSC NASA's ICESat two

3
00:00:12,560 --> 00:00:10,349
spacecraft is in orbit around Earth

4
00:00:14,629 --> 00:00:12,570
after a spectacular liftoff on Saturday

5
00:00:17,000 --> 00:00:14,639
September 15th from space launch

6
00:00:19,429 --> 00:00:17,010
complex-2 at California's Vandenberg Air

7
00:00:21,470 --> 00:00:19,439
Force Base the spacecraft launched on a

8
00:00:24,880 --> 00:00:21,480
United Launch Alliance Delta 2 rocket at

9
00:00:27,620 --> 00:00:24,890
6:02 a.m. Pacific 9:02 a.m. Eastern I

10
00:00:29,509 --> 00:00:27,630
set two stands for ice cloud and land

11
00:00:30,830 --> 00:00:29,519
elevation satellite two it's a

12
00:00:32,749 --> 00:00:30,840
three-year mission to measure the

13
00:00:35,299 --> 00:00:32,759

changing height the first glaciers ice

14

00:00:38,959 --> 00:00:35,309

sheets and sea ice one laser pulse at a

15

00:00:40,729 --> 00:00:38,969

time 10,000 laser pulses per second by

16

00:00:42,650 --> 00:00:40,739

delivering the icesat-2 spacecraft to

17

00:00:44,930 --> 00:00:42,660

its orbital destination the delta ii

18

00:00:49,430 --> 00:00:44,940

rocket finished its 29 years in service

19

00:00:52,189 --> 00:00:49,440

with one more success i set to is going

20

00:00:54,740 --> 00:00:52,199

to do cutting-edge scientific data

21

00:00:56,119 --> 00:00:54,750

gathering the precision measurements

22

00:00:58,729 --> 00:00:56,129

it's going to make from space we're just

23

00:01:01,790 --> 00:00:58,739

going to be incredible so to be able to

24

00:01:03,979 --> 00:01:01,800

say that we launched this very important

25

00:01:07,730 --> 00:01:03,989

science mission on the final flight of

26

00:01:10,010 --> 00:01:07,740

the industry workforce is just a huge

27

00:01:12,440 --> 00:01:10,020

accomplishment for the entire team and