



INSIDE
▶▶ KSC!

1
00:00:06,410 --> 00:00:02,570
hi I'm Esther Kenny's Rob student and

2
00:00:09,830 --> 00:00:09,170
at Vandenberg Air Force Base in

3
00:00:12,410 --> 00:00:09,840
California

4
00:00:15,109 --> 00:00:12,420
NASA's preparing to launch the ice cloud

5
00:00:17,000 --> 00:00:15,119
and land elevation satellite to the I

6
00:00:18,410 --> 00:00:17,010
set to spacecraft recently arrived at

7
00:00:20,269 --> 00:00:18,420
the West Coast launch site and was

8
00:00:22,730 --> 00:00:20,279
transported to the Astrotech processing

9
00:00:24,919 --> 00:00:22,740
facility after removal from the shipping

10
00:00:26,900 --> 00:00:24,929
container I set to was placed on a work

11
00:00:28,999 --> 00:00:26,910
stand in the facilities high bait with

12
00:00:31,790 --> 00:00:29,009
pre-flight checkouts now are underway in

13
00:00:33,560 --> 00:00:31,800

the meantime the United Launch Alliance

14

00:00:35,510 --> 00:00:33,570

Delta 2 rocket is being prepared at

15

00:00:38,180 --> 00:00:35,520

Vandenberg space launch complex-2

16

00:00:40,040 --> 00:00:38,190

the rocket its solid motors and upper

17

00:00:41,750 --> 00:00:40,050

stage now are in place for the final

18

00:00:45,080 --> 00:00:41,760

mission for the venerable workhorse in

19

00:00:47,270 --> 00:00:45,090

use since 1989 I set to his design to

20

00:00:48,920 --> 00:00:47,280

use lasers and a very precise detection

21

00:00:51,139 --> 00:00:48,930

instrument to measure the elevation of

22

00:00:52,700 --> 00:00:51,149

Earth's surface by timing how long it

23

00:00:55,099 --> 00:00:52,710

takes laser beams to travel from the

24

00:00:57,229 --> 00:00:55,109

satellite to earth and back scientists

25

00:01:00,500 --> 00:00:57,239

can calculate the height of glaciers sea

26

00:01:04,640 --> 00:01:00,510

ice forests lakes and the ice sheets of

27

00:01:07,310 --> 00:01:04,650

Greenland and Antarctica and remember

28

00:01:11,070 --> 00:01:07,320

spaceport magazine digs deeper inside