



1
00:00:08,150 --> 00:00:04,789
at nasa's kennedy space center in

2
00:00:10,549 --> 00:00:08,160
florida technicians at launch pad 39a

3
00:00:12,950 --> 00:00:10,559
are working to repair small cracks on

4
00:00:15,110 --> 00:00:12,960
the tops of two metal support beams

5
00:00:18,070 --> 00:00:15,120
called stringers on space shuttle

6
00:00:20,550 --> 00:00:18,080
discovery's external fuel tank

7
00:00:22,630 --> 00:00:20,560
teams have removed 13 inches of metal

8
00:00:25,029 --> 00:00:22,640
from the tops of the two stringers and

9
00:00:27,670 --> 00:00:25,039
installed new sections of metal called a

10
00:00:30,310 --> 00:00:27,680
doubler in the cracked metal's place as

11
00:00:32,389 --> 00:00:30,320
part of the repair method

12
00:00:35,750 --> 00:00:32,399
it's called a doubler because it's twice

13
00:00:38,630 --> 00:00:35,760

as thick as the original stringer metal

14

00:00:40,950 --> 00:00:38,640

video b-roll includes lipstick camera

15

00:00:43,110 --> 00:00:40,960

views from inside an environmental

16

00:00:45,270 --> 00:00:43,120

enclosure where the repair work is

17

00:00:46,950 --> 00:00:45,280

taking place on the outside of the

18

00:00:49,110 --> 00:00:46,960

external tank

19

00:00:51,350 --> 00:00:49,120

the enclosure will provide the proper

20

00:00:53,830 --> 00:00:51,360

temperature and humidity when foam

21

00:00:57,270 --> 00:00:53,840

insulation is reapplied to the tops of

22

00:00:59,349 --> 00:00:57,280

the stringers following the repairs

23

00:01:01,590 --> 00:00:59,359

the stringer cracks developed as the

24

00:01:03,750 --> 00:01:01,600

external tank was being filled for

25

00:01:05,469 --> 00:01:03,760

discovery's launch attempt on november

26

00:01:08,230 --> 00:01:05,479

5th for its

27

00:01:09,590 --> 00:01:08,240

sts-133 mission to the international

28

00:01:11,670 --> 00:01:09,600

space station

29

00:01:13,990 --> 00:01:11,680

that launch attempt was scrubbed because