1
00:00:06,380 --> 00:00:04,070
at NASA's Kennedy Space Center in

2
00:00:08,690 --> 00:00:06,390
Florida technicians in the Vehicle

3
00:00:12,259 --> 00:00:08,700
Assembly Building make modifications to

4
00:00:14,329 --> 00:00:12,269
34 support beams call stringers on Space

5
00:00:16,790 --> 00:00:14,339
Shuttle Discovery's external fuel tank

6
00:00:19,100 --> 00:00:16,800
to increase the structural support of

7
00:00:21,770 --> 00:00:19,110
the stringers crews fit pieces of metal

8
00:00:23,660 --> 00:00:21,780
called radius blocks over the tops of

9
00:00:26,600 --> 00:00:23,670
the stringers edges at the external

10
00:00:28,520 --> 00:00:26,610
tanks thrust panel area the thrust panel

11
00:00:31,370 --> 00:00:28,530
areas which see the most stress during

12
00:00:33,380 --> 00:00:31,380
the flight into orbit are located at the

13
00:00:36,950 --> 00:00:33,390

attachment points between the tank and

14
00:00:38,810 --> 00:00:36,960
the solid rocket boosters teams are also

15
00:00:41,360 --> 00:00:38,820
performing scans on all of the tank

16
00:00:43,790 --> 00:00:41,370
stringers using a backscatter device

17
00:00:46,220 --> 00:00:43,800
that bounces radiation off the tank

18
00:00:48,979 --> 00:00:46,230
allowing engineers to see beneath the

19
00:00:51,559 --> 00:00:48,989
foam insulation and crews are repairing

20
00:00:53,869 --> 00:00:51,569
small cracks on three stringers on the

21
00:00:56,270 --> 00:00:53,879
side of the tank opposite discovery that

22
00:00:58,189 --> 00:00:56,280
were detected in late December the

23
00:01:00,799 --> 00:00:58,199
repairs are similar to those made

24
00:01:03,169 --> 00:01:00,809
earlier on cracks found on two stringers

25
00:01:06,050 --> 00:01:03,179
after Discovery's November fifth launch

26
00:01:07,820 --> 00:01:06,060
attempt managers and engineers will

27
00:01:10,730 --> 00:01:07,830
review the test data to determine the

28
00:01:13,280 --> 00:01:10,740
next course of action Discovery's next

29
00:01:14,810 --> 00:01:13,290
launch opportunity for its sts-133