



1
00:00:07,590 --> 00:00:04,230
nasa's space shuttle program conducted

2
00:00:10,070 --> 00:00:07,600
the 52nd and final test firing of a

3
00:00:13,190 --> 00:00:10,080
reusable solid rocket motor on february

4
00:00:15,430 --> 00:00:13,200
25th in promontory utah the recyclable

5
00:00:17,830 --> 00:00:15,440
solid rocket motor is used on each space

6
00:00:20,470 --> 00:00:17,840
shuttle mission and is the largest solid

7
00:00:22,550 --> 00:00:20,480
rocket motor ever flown it's also the

8
00:00:25,269 --> 00:00:22,560
only one rated for human flight and the

9
00:00:28,230 --> 00:00:25,279
first designed for reuse the flight

10
00:00:31,429 --> 00:00:28,240
support motor or fsm-17

11
00:00:33,590 --> 00:00:31,439
burned for approximately 123 seconds the

12
00:00:35,670 --> 00:00:33,600
same time each reusable solid rocket

13
00:00:38,150 --> 00:00:35,680

motor burns during an actual space

14

00:00:40,229 --> 00:00:38,160

shuttle launch preliminary indications

15

00:00:41,030 --> 00:00:40,239

suggest that the test objectives were

16

00:00:44,229 --> 00:00:41,040

met

17

00:00:46,709 --> 00:00:44,239

at 4.5 million pounds the space shuttle

18

00:00:49,270 --> 00:00:46,719

requires the boost of two reusable solid

19

00:00:53,110 --> 00:00:49,280

rocket motors every time it takes off

20

00:00:55,189 --> 00:00:53,120

the first test was july 1977 the atk