



1
00:00:17,510 --> 00:00:15,190
and liftoff of space shuttle endeavour

2
00:00:21,109 --> 00:00:17,520
preparing our home in space for a larger

3
00:00:21,119 --> 00:00:25,509
houston now controlling

4
00:00:25,519 --> 00:00:28,310
it

5
00:00:32,870 --> 00:00:30,870
roger roll endeavor commander chris

6
00:00:34,389 --> 00:00:32,880
ferguson confirming endeavor is rolling

7
00:00:38,709 --> 00:00:34,399
on course for a rendezvous with the

8
00:00:43,430 --> 00:00:40,709
i need a thousand miles an hour

9
00:00:45,029 --> 00:00:43,440
out to one mile downrange just six and a

10
00:00:58,549 --> 00:00:45,039
half miles from kennedy space center

11
00:01:02,310 --> 00:01:00,150
three engines startling down to 72

12
00:01:03,590 --> 00:01:02,320
percent of the rate of thrust as the

13
00:01:06,070 --> 00:01:03,600

shuttle goes through the realm of

14

00:01:08,070 --> 00:01:06,080

maximum aerodynamic pressure altitude

15

00:01:09,910 --> 00:01:08,080

five miles downrange eight miles from

16

00:01:12,789 --> 00:01:09,920

kennedy space center

17

00:01:15,030 --> 00:01:12,799

speed 1500 miles an hour endeavor go at

18

00:01:29,429 --> 00:01:15,040

throttle up

19

00:01:34,149 --> 00:01:32,230

speed 2 000 miles an hour altitude 10

20

00:01:37,270 --> 00:01:34,159

miles downrange distance 12 miles from

21

00:01:40,469 --> 00:01:38,870

it's one and a half minutes since launch

22

00:01:42,069 --> 00:01:40,479

endeavor has consumed more than two and

23

00:01:43,590 --> 00:01:42,079

a quarter million pounds of propellant

24

00:01:49,590 --> 00:01:43,600

weighs less than half of what it did at

25

00:02:25,350 --> 00:01:51,990

standing by for burnout of the twin

26

00:02:29,110 --> 00:02:27,270

bootstraps confirms a clean separation

27

00:02:31,030 --> 00:02:29,120

of the two solid rockets endeavors three