



1
00:00:13,310 --> 00:00:10,459
eight seven six zero and liftoff for the

2
00:00:22,779 --> 00:00:13,320
final launch of Endeavour expanding our

3
00:00:22,789 --> 00:00:29,769
Houston is now control

4
00:00:35,299 --> 00:00:33,140
the role program on the way as endeavour

5
00:00:39,860 --> 00:00:35,309
begins the heads down position on course

6
00:00:56,570 --> 00:00:39,870
for a 51.6 degree 136 by 36 statute mile

7
00:00:59,600 --> 00:00:56,580
orbit three engines now throttling down

8
00:01:01,579 --> 00:00:59,610
as endeavour passes through the area of

9
00:01:05,840 --> 00:01:01,589
maximum dynamic pressure on the vehicle

10
00:01:10,700 --> 00:01:05,850
in the lower atmosphere approaching one

11
00:01:16,700 --> 00:01:10,710
minute end of the flight endeavour go at

12
00:01:19,130 --> 00:01:16,710
throttle up Carter dorada endeavours

13
00:01:21,609 --> 00:01:19,140

three main engines now back at full

14

00:01:26,000 --> 00:01:21,619

throttle all three engines in good shape

15

00:01:29,539 --> 00:01:26,010

endeavours already traveling 1,300 miles

16

00:01:31,160 --> 00:01:29,549

per hour at an altitude of 11 miles down

17

00:01:37,610 --> 00:01:31,170

range from the Kennedy Space Center now

18

00:01:44,220 --> 00:01:42,810

at liftoff endeavour fully fueled wait

19

00:01:45,900 --> 00:01:44,230

four and a half million pounds it's

20

00:01:48,960 --> 00:01:45,910

already lost half that weight in

21

00:01:50,880 --> 00:01:48,970

propellant now burned that weight next

22

00:01:53,580 --> 00:01:50,890

event is burnt out in separation of the

23

00:01:56,190 --> 00:01:53,590

twin solid rocket boosters that up

24

00:01:58,560 --> 00:01:56,200

coming here shortly at the two minute 3

25

00:02:08,310 --> 00:01:58,570

second point those boosters are burning

26

00:02:11,910 --> 00:02:08,320

11,000 pounds of fuel per second as