

Z40



1
00:00:00,080 --> 00:00:06,309
minus 20 seconds and counting

2
00:00:06,319 --> 00:00:11,509
d minus fifteen

3
00:00:14,950 --> 00:00:13,910
t minus ten nine

4
00:00:16,950 --> 00:00:14,960
eight

5
00:00:18,070 --> 00:00:16,960
seven six

6
00:00:18,950 --> 00:00:18,080
five

7
00:00:19,990 --> 00:00:18,960
four

8
00:00:21,029 --> 00:00:20,000
three

9
00:00:22,150 --> 00:00:21,039
two

10
00:00:24,390 --> 00:00:22,160
one

11
00:00:28,230 --> 00:00:24,400
zero ignition

12
00:00:31,189 --> 00:00:28,240
and liftoff of avatar five with ladder

13
00:01:07,350 --> 00:00:31,199

pursuing a ripple about moon dust and

14

00:01:07,360 --> 00:01:24,710

so

15

00:01:24,720 --> 00:01:33,180

pressure

16

00:01:33,190 --> 00:01:38,710

[Music]

17

00:01:47,749 --> 00:01:40,390

people avionics and power systems are

18

00:01:51,910 --> 00:01:49,910

t plus 85 seconds stage two motor

19

00:01:58,310 --> 00:01:51,920

pressure remains nominal at a maximum

20

00:02:07,429 --> 00:01:59,749

vehicle attitude and flight paths are

21

00:02:11,270 --> 00:02:09,430

approaching stage 2 burnout at 115

22

00:02:13,670 --> 00:02:11,280

seconds followed by a 20-second coast

23

00:02:17,110 --> 00:02:13,680

phase and a stage 2 separation and stage

24

00:02:17,120 --> 00:02:38,630

stage 2 burnout

25

00:02:47,509 --> 00:02:40,710

stage 2 separation stage 3 ignition

26
00:03:06,710 --> 00:02:48,869
vehicle attitude and flight path are

27
00:03:06,720 --> 00:03:22,630
bearing separation is confirmed

28
00:03:22,640 --> 00:03:33,430
t plus three minutes

29
00:03:38,710 --> 00:03:35,190
stage 3 motor pressure remains nominal

30
00:03:40,789 --> 00:03:38,720
at a maximum thrust of 70 000 pounds

31
00:03:43,110 --> 00:03:40,799
we're three minutes 17 seconds into the

32
00:03:44,869 --> 00:03:43,120
flight of the minotaur 5 with laddie we

33
00:03:47,350 --> 00:03:44,879
have a

34
00:03:49,430 --> 00:03:47,360
map that shows where the rocket is as it

35
00:03:51,270 --> 00:03:49,440
flies downrange

36
00:03:53,030 --> 00:03:51,280
off the coast of

37
00:03:55,270 --> 00:03:53,040
stage 3 burnout guidance solution

38
00:04:00,869 --> 00:03:55,280

confirmed or converged stage 4 ignition

39

00:04:05,350 --> 00:04:03,190

we have ground contact now from the

40

00:04:07,990 --> 00:04:05,360

bermuda tracking station

41

00:04:09,990 --> 00:04:08,000

bermuda will track until

42

00:04:17,030 --> 00:04:10,000

we acquire through the tracking and data

43

00:04:22,950 --> 00:04:18,629

speculative amex and power systems are