



1  
00:00:07,829 --> 00:00:04,630  
vms go for launch

2  
00:00:12,629 --> 00:00:07,839  
copy that vm check step 101

3  
00:00:14,950 --> 00:00:14,150  
t minus 5

4  
00:00:15,990 --> 00:00:14,960  
4

5  
00:00:16,950 --> 00:00:16,000  
three

6  
00:00:17,830 --> 00:00:16,960  
two

7  
00:00:46,150 --> 00:00:17,840  
one

8  
00:00:49,190 --> 00:00:46,160  
zero zero copy that sir feel the

9  
00:00:54,389 --> 00:00:49,200  
avionics and boost the power numb

10  
00:00:58,150 --> 00:00:55,910  
the minotaur one launch vehicle is

11  
00:01:00,229 --> 00:00:58,160  
entering predicted max q is three miles

12  
00:01:01,750 --> 00:01:00,239  
downrange altitude of six miles

13  
00:01:07,190 --> 00:01:01,760

traveling at a speed of sixteen hundred

14

00:01:11,270 --> 00:01:09,670

vehicle attitude and flight pattern

15

00:01:13,350 --> 00:01:11,280

we're approaching stage one separation

16

00:01:21,590 --> 00:01:13,360

stage two ignition event would occur

17

00:01:25,109 --> 00:01:23,910

we have stage one preparation and days

18

00:01:27,190 --> 00:01:25,119

with this

19

00:01:29,190 --> 00:01:27,200

phase two motor pressure is within

20

00:01:30,950 --> 00:01:29,200

prediction

21

00:01:34,870 --> 00:01:30,960

stage two rcu

22

00:01:36,710 --> 00:01:34,880

the li tvc pressures are nominal

23

00:01:42,950 --> 00:01:36,720

stage two attitude and flight path are

24

00:01:58,789 --> 00:01:44,710

field avionics and boost the power

25

00:02:06,709 --> 00:02:00,310

vehicle attitude and flight path are

26  
00:02:11,430 --> 00:02:09,350  
the next expected event is stage 3 tvc

27  
00:02:13,910 --> 00:02:11,440  
battery activation followed by the stage

28  
00:02:30,710 --> 00:02:13,920  
2 separation and stage 3 ignition in

29  
00:02:35,589 --> 00:02:32,550  
phase three pvc battery activation

30  
00:02:37,990 --> 00:02:35,599  
battery power looks good

31  
00:02:39,830 --> 00:02:38,000  
we have confirmed stage two separation

32  
00:02:41,430 --> 00:02:39,840  
and stage three ignition stage three

33  
00:02:43,190 --> 00:02:41,440  
motor pressure is expected barren

34  
00:02:44,790 --> 00:02:43,200  
separation will occur in approximately

35  
00:02:46,550 --> 00:02:44,800  
eight seconds

36  
00:02:48,470 --> 00:02:46,560  
stage three attitude and flight path are

37  
00:02:50,390 --> 00:02:48,480  
as expected

38  
00:02:56,949 --> 00:02:50,400

we have confirmed starting separation

39

00:03:01,750 --> 00:02:59,670

approximately 25 seconds into the 75

40

00:03:03,110 --> 00:03:01,760

second stage 3 burn thrust vector

41

00:03:14,710 --> 00:03:03,120

actuator responses are within

42

00:03:19,830 --> 00:03:16,710

orbital guidance initiated vehicle

43

00:03:34,550 --> 00:03:19,840

attitude and performance are nominal

44

00:03:38,470 --> 00:03:36,470

we are now entering stage three mode to