



1  
00:00:18,099 --> 00:00:10,930  
t-minus 15 seconds t-minus 10 9 8 7 6 5

2  
00:00:21,920 --> 00:00:18,109  
4 3 2 1 main engine start zero and

3  
00:00:24,380 --> 00:00:21,930  
liftoff of the Atlas 5 with curiosity

4  
00:00:31,370 --> 00:00:24,390  
seeking clues to the planetary puzzle

5  
00:00:31,380 --> 00:00:35,260  
right

6  
00:00:35,270 --> 00:00:41,900  
when ad operating versus expected

7  
00:00:41,910 --> 00:00:48,889  
modeling down to 76 percent

8  
00:00:48,899 --> 00:00:53,530  
program please

9  
00:00:53,540 --> 00:00:57,849  
and fellas outbreak South Area

10  
00:00:57,859 --> 00:01:07,429  
there be chamber computers

11  
00:01:18,730 --> 00:01:13,249  
and we passed through max Q close loop

12  
00:01:24,919 --> 00:01:22,340  
this RB profile continues look now

13  
00:01:30,789 --> 00:01:24,929

bottling back up to 1% thrust on the

14

00:01:30,799 --> 00:01:39,109

like control disturbances as expected

15

00:01:39,119 --> 00:01:46,670

SRB pressures running away as expected

16

00:01:59,370 --> 00:01:49,190

- would be burnout we have burnout of

17

00:02:09,350 --> 00:01:59,380

the SRBs everything is looking good

18

00:02:14,540 --> 00:02:11,780

and we have first pair and second pair

19

00:02:16,130 --> 00:02:14,550

both sets of SRBs have successfully

20

00:02:20,170 --> 00:02:16,140

jettisoned the vehicle we've been able

21

00:02:22,970 --> 00:02:20,180

guidance everything is looking good

22

00:02:25,240 --> 00:02:22,980

this was rob gannet our United Launch

23

00:02:28,730 --> 00:02:25,250

Alliance telemetry manager we're hearing

24

00:02:31,640 --> 00:02:28,740

vehicle is now 32 nautical miles in

25

00:02:40,520 --> 00:02:31,650

altitude 50 to 4 miles downrange

26

00:02:44,690 --> 00:02:40,530

traveling at 4900 miles per hour and

27

00:03:07,430 --> 00:02:44,700

we've bottled down the hold of constant

28

00:03:17,559 --> 00:03:09,680

and we fired the pyro valve pressurizing

29

00:03:25,570 --> 00:03:19,240

uh sure increasing and the Lopez

30

00:03:34,000 --> 00:03:29,140

now we're hitting our 2.5 g when up

31

00:03:42,740 --> 00:03:34,010

coming up on payload fairing Edison last

32

00:03:50,690 --> 00:03:48,020

barring jet and we also have a

33

00:03:53,090 --> 00:03:50,700

successful CFL our jettison it as

34

00:03:57,140 --> 00:03:53,100

expected throttling up on the rd-180