



1
00:00:07,510 --> 00:00:03,750
eight seven six five

2
00:00:10,629 --> 00:00:07,520
four engine ignition two one

3
00:00:13,589 --> 00:00:10,639
zero zero relate and

4
00:00:14,549 --> 00:00:13,599
liftoff as the countdown to mars

5
00:00:16,390 --> 00:00:14,559
continues

6
00:00:18,470 --> 00:00:16,400
the perseverance of humanity launching

7
00:00:24,950 --> 00:00:18,480
the next generation of robotic explorers

8
00:00:24,960 --> 00:00:28,830
and atlas tu has gone to closed loop

9
00:00:28,840 --> 00:00:35,990
control

10
00:00:39,990 --> 00:00:37,830
coming up on 30 seconds into flight the

11
00:00:44,150 --> 00:00:40,000
rd-180 is throttling down as expected

12
00:00:54,709 --> 00:00:44,160
engine response looks good

13
00:00:58,549 --> 00:00:56,790

and passing 45 seconds into flight

14

00:01:14,469 --> 00:00:58,559

vehicle is now passing through max q

15

00:01:18,950 --> 00:01:16,469

and passing one minute into flight the

16

00:01:21,429 --> 00:01:18,960

rd-180 is throttling back up as expected

17

00:01:23,270 --> 00:01:21,439

engine response looks good at this time

18

00:01:24,149 --> 00:01:23,280

in flight the srb chamber pressures

19

00:01:26,710 --> 00:01:24,159

remain nominal

20

00:01:28,310 --> 00:01:26,720

the rd-180 pump speed and fuel injector

21

00:01:30,069 --> 00:01:28,320

pressures are responding well to demands

22

00:01:40,469 --> 00:01:30,079

on the engine

23

00:01:42,550 --> 00:01:40,479

standing by for srb burnout shortly

24

00:01:44,230 --> 00:01:42,560

and we have burnout on all four srbs

25

00:02:02,469 --> 00:01:44,240

burnout pressure signatures look good

26

00:02:07,749 --> 00:02:04,950

and we have a good indication of srb

27

00:02:10,110 --> 00:02:07,759

jettison of all four srbs