



1
00:00:00,640 --> 00:00:05,430
t minus 30 seconds

2
00:00:05,440 --> 00:00:09,750
all propellant tanks at pressure

3
00:00:19,590 --> 00:00:12,549
t minus 20

4
00:00:22,790 --> 00:00:21,429
t minus 10

5
00:00:23,750 --> 00:00:22,800
9

6
00:00:24,790 --> 00:00:23,760
8

7
00:00:25,830 --> 00:00:24,800
7

8
00:00:26,790 --> 00:00:25,840
6

9
00:00:27,750 --> 00:00:26,800
5

10
00:00:28,790 --> 00:00:27,760
4

11
00:00:29,669 --> 00:00:28,800
3

12
00:00:30,550 --> 00:00:29,679
2

13
00:00:33,350 --> 00:00:30,560

one

14

00:00:40,150 --> 00:00:35,590

we have liftoff of the falcon 9 stage

15

00:00:55,029 --> 00:00:42,549

pitch kick

16

00:00:58,470 --> 00:00:56,950

first stage engines and tanks

17

00:01:10,789 --> 00:00:58,480

looking good

18

00:01:15,670 --> 00:01:12,550

damage without from both stages power

19

00:01:15,680 --> 00:01:38,950

first stage propulsion is nominal

20

00:01:38,960 --> 00:01:51,510

the vehicle's now supersonic

21

00:01:55,350 --> 00:01:53,109

telemetry locks still on both stages

22

00:01:57,190 --> 00:01:55,360

power systems continue to be nominal

23

00:01:58,789 --> 00:01:57,200

guidance is nominal at max q and

24

00:02:21,510 --> 00:01:58,799

propulsion is also nominal on the first

25

00:02:32,949 --> 00:02:22,949

first stage propulsion performing

26

00:02:32,959 --> 00:02:58,149

guidance is nominal

27

00:03:03,589 --> 00:03:00,309

we have telemetry log and power systems

28

00:03:11,509 --> 00:03:05,270

first stage tank pressures and engines

29

00:03:11,519 --> 00:03:16,550

stage two mvac engine chilling in

30

00:03:16,560 --> 00:03:26,390

first two m9 engines shut down

31

00:03:33,750 --> 00:03:29,190

first stage miko 2

32

00:03:33,760 --> 00:03:37,110

second stage has separated

33

00:03:41,110 --> 00:03:39,110

inertial velocity at mikko

34

00:03:44,149 --> 00:03:41,120

was approximately and back ignition

35

00:03:58,949 --> 00:03:44,159

confirmed 3.2 kilometers per second

36

00:04:01,750 --> 00:04:00,869

power systems look nominal we have gps

37

00:04:03,270 --> 00:04:01,760

lock