



1  
00:00:11,990 --> 00:00:07,570  
T minus ten nine eight seven six five

2  
00:00:15,890 --> 00:00:12,000  
four three two one

3  
00:00:18,950 --> 00:00:15,900  
engine full power and liftoff of CRX 27

4  
00:00:21,650 --> 00:00:18,960  
go falcon go dragon

5  
00:00:23,570 --> 00:00:21,660  
Falcon 9 soars off the launch pad dragon

6  
00:00:25,910 --> 00:00:23,580  
now on its way to the International

7  
00:00:29,870 --> 00:00:25,920  
Space Station with important new science

8  
00:00:29,880 --> 00:00:52,910  
stage one chamber pressure is nominal

9  
00:00:57,229 --> 00:00:55,610  
at t plus 40 seconds Falcon 9 has

10  
00:01:00,770 --> 00:00:57,239  
successfully lifted off from historical

11  
00:01:03,470 --> 00:01:00,780  
Elementary in Florida

12  
00:01:06,350 --> 00:01:03,480  
we're now coming up on our Max Q in

13  
00:01:08,030 --> 00:01:06,360

about uh 20 seconds or so which is the

14

00:01:10,010 --> 00:01:08,040

point of Maximum aerodynamic pressure

15

00:01:23,870 --> 00:01:10,020

the vehicle will go through during its

16

00:01:23,880 --> 00:01:27,170

thanks you

17

00:01:31,490 --> 00:01:29,149

and there's that call out for Max Q

18

00:01:33,590 --> 00:01:31,500

coming up next are five events back to

19

00:01:35,630 --> 00:01:33,600

back first is main engine cutoff or

20

00:01:37,429 --> 00:01:35,640

Mikko which is when all nine of the

21

00:01:39,590 --> 00:01:37,439

Merlin 1D engines on the first stage

22

00:01:41,390 --> 00:01:39,600

will shut down after those nine engines

23

00:01:44,810 --> 00:01:41,400

shut down the first and second stages

24

00:01:47,510 --> 00:01:44,820

will separate uh also called out over

25

00:01:49,370 --> 00:01:47,520

the Nets as stage separation then the

26

00:01:52,429 --> 00:01:49,380

first stage will flip

27

00:01:54,170 --> 00:01:52,439

make its way back to its Landing site

28

00:01:56,330 --> 00:01:54,180

the Drone ship named a shortfall of

29

00:01:58,609 --> 00:01:56,340

Gravitas the second stage will then

30

00:02:01,550 --> 00:01:58,619

ignite its Merlin vacuum engine to boost

31

00:02:03,950 --> 00:02:01,560

Dragon to low earth orbit during scs-1

32

00:02:06,109 --> 00:02:03,960

and the last event is the Boost back

33

00:02:08,089 --> 00:02:06,119

burn to reduce velocity of the first

34

00:02:10,010 --> 00:02:08,099

stage in preparation for atmospheric

35

00:02:13,430 --> 00:02:10,020

entry and this whole sequence will take

36

00:02:15,110 --> 00:02:13,440

place over about 30 seconds or so

37

00:02:17,390 --> 00:02:15,120

now we should be hearing that call out