



1
00:00:00,530 --> 00:00:01,930
Commentator: T-minus 10,

2
00:00:02,160 --> 00:00:02,930
9

3
00:00:02,980 --> 00:00:03,740
8

4
00:00:03,740 --> 00:00:05,099
7

5
00:00:05,099 --> 00:00:05,870
6

6
00:00:05,870 --> 00:00:07,810
Mike Curie/NASA Launch Commentator: 5
4

7
00:00:07,900 --> 00:00:08,659
3

8
00:00:08,660 --> 00:00:09,420
2

9
00:00:09,420 --> 00:00:15,980
1
and liftoff. The Falcon soars

10
00:00:15,980 --> 00:00:19,490
from its perch toward the International Space
Station.

11
00:00:19,490 --> 00:00:22,630
Carrying Dragon and new science

12
00:00:22,630 --> 00:00:25,770
for the One-Year Crew.

13

00:00:41,820 --> 00:00:46,740

30 seconds into flight, all systems are "go" for the Falcon 9.

14

00:01:02,020 --> 00:01:03,720

Approaching the one-minute mark.

15

00:01:12,420 --> 00:01:15,380

One minute into flight.

16

00:01:18,390 --> 00:01:22,630

Standing by for the Falcon to go supersonic one minute, 10 seconds after liftoff.

17

00:01:34,200 --> 00:01:36,520

And the Falcon 9 is supersonic.

18

00:01:42,619 --> 00:01:46,369

Falcon's now passed through the maximum dynamic pressure, Max-Q.

19

00:01:49,120 --> 00:01:54,620

The next major milestone: first stage engine shutdown about two minutes,

20

00:01:54,620 --> 00:01:56,640

38 seconds into flight.

21

00:02:07,940 --> 00:02:14,940

Commentator: (Inaudible) T-plus two minutes. Altitude 32 kilometers.

22

00:02:15,010 --> 00:02:19,810

Speed one kilometer per second. Downrange distance 13.5 kilometers.

23

00:02:21,060 --> 00:02:23,800

Mike Curie/NASA Launch Commentator: 30 seconds

from first stage engine cutoff.

24

00:02:44,790 --> 00:02:46,959

Standing by for main engine cutoff.

25

00:02:55,240 --> 00:02:56,800

Commentator: (Inaudible)

26

00:02:57,180 --> 00:02:57,980

MECO!

27

00:02:58,080 --> 00:03:00,560

Commentator: Stage separation confirmed.

28

00:03:01,140 --> 00:03:02,740

Mike Curie/NASA Launch Commentator: You see the stages separating.

29

00:03:06,600 --> 00:03:13,080

Standing by the single Merlin vacuum engine igniting the second stage.

30

00:03:13,090 --> 00:03:15,900

Commentator: (Inaudible) T-plus three minutes.

Altitude 86 kilometers. Speed 1.9