



1

00:00:00,780 --> 00:00:09,600

NASA launch commentator Josh Santora: Eight, seven, six, five, four, three, two, one zero

2

00:00:09,600 --> 00:00:15,980

... and liftoff! As Falcon 9 and Cargo Dragon take flight, bound for the International Space

3

00:00:15,980 --> 00:00:20,890

Station with fresh supplies and research, helping to maintain our presence in space

4

00:00:20,890 --> 00:00:56,319

as the station celebrates its 20th anniversary. We expect a small throttle back in the engines

5

00:00:56,319 --> 00:01:18,149

as the vehicle enters max q, or maximum aerodynamic pressure. So we hear that call for max q,

6

00:01:18,149 --> 00:01:27,110

as well as the vehicle now entering supersonic. And the engines are back up to power. That

7

00:01:27,110 --> 00:01:31,600

max q a result of still passing through the atmosphere while the speed is drastically

8

00:01:31,600 --> 00:01:43,189

increasing. In about a minute, we're going to see a number of actions happen in very

9

00:01:43,189 --> 00:01:49,039

rapid succession. At about 2:23, we're going to see the main engines cut off. At about

10

00:01:49,039 --> 00:01:53,940

2:26, the first stage will separate and fall away to head back here to the Cape Canaveral

11

00:01:53,940 --> 00:01:59,009

Air Force Station. At 2:33, the second stage engine will ignite — that Merlin vacuum

12

00:01:59,009 --> 00:02:34,620

engine. And at 2:39, the first stage its boost back burn.