



1
00:00:00,160 --> 00:00:07,580

[Music]

2
00:00:07,600 --> 00:00:13,380

[Spanish] My name is Sandra Cauffman, and I work for the MAVEN project at Goddard Space Flight Center.

3
00:00:13,400 --> 00:00:23,380

MAVEN is a mission that studies the upper atmosphere of Mars, the Red Planet, the ionosphere, and the intera

4
00:00:23,400 --> 00:00:36,980

Scientists want to study how the Martian atmosphere has lost its volatile gasses to space, and see how this co

5
00:00:38,000 --> 00:00:41,980

One of the instruments that Goddard is producing is called NGIMS.

6
00:00:42,000 --> 00:00:52,380

This will measure the chemical composition of the Martian atmosphere, and the magnetometer will try to meas

7
00:00:52,400 --> 00:01:00,280

In the history of Mars, we know that Mars lost its magnetic field, there isn't a magnetic field like there is on Earth

8
00:01:00,300 --> 00:01:09,310

The atmosphere of Mars is very scarce as well, and NGIMS will measure what gases are present and at what c

9
00:01:09,330 --> 00:01:16,680

My job is to gather necessary information for the Project Director, in all aspects of the mission.

10
00:01:16,700 --> 00:01:23,340

I'm helping to help make sure that the mission is completed on time.

11
00:01:23,360 --> 00:01:33,980

The launch is in November 2013. If we don't launch, we'll have to wait twenty-six months for another opportuni

12
00:01:35,000 --> 00:01:48,130

My day is busy, very, very busy. I read many reports, attend many meetings, write presentations, write papers

13
00:01:48,150 --> 00:01:52,780

There is a lot to do, and sometimes I can't catch up with everything in a single day because there is so much!

14

00:01:53,450 --> 00:02:01,380

There's not a day that I get up when I don't want to go to work. I like the people that I work with, I like the mission.

15

00:02:01,400 --> 00:02:11,480

From studying the Earth, to studying the cosmos, to studying the universe, and now I get to work on a mission.

16

00:02:11,500 --> 00:02:19,630

All of the experiences that I've had at NASA have been fabulous, and I'll take them with me for the rest of my life.