



1
00:00:00,246 --> 00:00:02,246
>> [Background Music]

2
00:00:02,486 --> 00:00:05,886
What I like most about my job
in vibration and acoustics is

3
00:00:05,916 --> 00:00:07,736
that I help to develop
predictions

4
00:00:08,226 --> 00:00:11,196
to determine what
the noise level is

5
00:00:11,196 --> 00:00:13,326
for a payload during
its launch on a rocket.

6
00:00:13,326 --> 00:00:16,436
And that's very rewarding and
very important, because we want

7
00:00:16,436 --> 00:00:17,316
to be able to predict

8
00:00:17,356 --> 00:00:20,346
if the spacecraft can survive
the sound pressure level

9
00:00:20,346 --> 00:00:21,996
that it sees during
the rocket launch.

10
00:00:22,366 --> 00:00:25,296
The materials that I use to
specify a noise treatment

11
00:00:25,676 --> 00:00:28,566

for protecting a
spacecraft are also used

12

00:00:28,656 --> 00:00:30,056
in everyday applications.

13

00:00:30,386 --> 00:00:33,536
They're used to help lower
the noise levels in libraries,

14

00:00:33,996 --> 00:00:36,186
concert halls, and
sound recording studios.

15

00:00:36,846 --> 00:00:39,526
I would like my legacy
to be that of one

16

00:00:39,526 --> 00:00:41,996
of the very hard-working
NASA team members

17

00:00:42,386 --> 00:00:43,616
who played an important part

18

00:00:43,646 --> 00:00:46,446
in developing NASA's new
space launch system rocket,

19

00:00:46,746 --> 00:00:49,586
the key vehicle that will
enhance our presence in space,

20

00:00:50,186 --> 00:00:53,066
around the Earth, to
the surface of the Moon,