



EXTRAVEHICULAR
— ACTIVITY —

1
00:00:00,000 --> 00:00:01,768
[Background Music]

2
00:00:01,768 --> 00:00:06,506
>> The space exploration is
going to be one of the signature

3
00:00:06,506 --> 00:00:09,909
moments of this millennium,
if not the signature moment.

4
00:00:09,909 --> 00:00:12,712
And I think space walk's
play a huge part in that.

5
00:00:12,712 --> 00:00:16,416
Doing a spacewalk is an
incredibly choreographed ballet

6
00:00:16,416 --> 00:00:19,586
that really starts with
training, you know, many many

7
00:00:19,586 --> 00:00:24,023
many days, months before
you actually do the events.

8
00:00:24,023 --> 00:00:27,160
You know, we have a team of
folks that care about the task

9
00:00:27,160 --> 00:00:30,130
so they put together, sort of,
the road map of how this is

10
00:00:30,130 --> 00:00:31,331
going to be done.

11
00:00:31,331 --> 00:00:34,134

We have a team that cares about the suit and the system, so that

12

00:00:34,134 --> 00:00:37,537

means the tools as well as the spacesuit itself and the process

13

00:00:37,537 --> 00:00:39,239

of getting into and out of it.

14

00:00:39,239 --> 00:00:44,644

And then we spend a lot of time practicing that in the NBL.

15

00:00:44,644 --> 00:00:48,348

What amazes me most about the space suit is that it is able to

16

00:00:48,348 --> 00:00:51,584

protect a human being from all of the things that would kill

17

00:00:51,584 --> 00:00:55,121

it; the lack of oxygen, the lack of an atmosphere, you know,

18

00:00:55,121 --> 00:00:57,957

pressure, the radiation.

19

00:00:57,957 --> 00:01:00,727

All of those things are, you know, mortal in their own right.

20

00:01:00,727 --> 00:01:08,067

And this relatively small little vehicle can hold us inside it

21

00:01:08,067 --> 00:01:12,806

and still allow us incredible dexterity to be able to do very

22

00:01:12,806 --> 00:01:16,876

minuet tasks with our hands and
as well as move large masses

23

00:01:16,876 --> 00:01:18,311

around.

24

00:01:18,311 --> 00:01:19,712

Hi I'm Michael Lopez-Alegria.