



1
00:00:00,440 --> 00:00:15,810

\h (Music and sound of space shuttle liftoff)

2
00:00:15,810 --> 00:00:17,400

\h Elmo: How do you spell your name?

3
00:00:17,400 --> 00:00:19,720

\h Astronaut Leland Melvin: What? My name?

4
00:00:19,720 --> 00:00:22,040

\h Elmo: Melvin. Is your last name Melvin?

5
00:00:22,040 --> 00:00:25,580

\h Melvin: You know, people usually confuse it and call me Melvin first instead of Leland.

6
00:00:25,580 --> 00:00:27,460

\h Elmo: Wow.

7
00:00:27,460 --> 00:00:29,910

\h Melvin: You know, Melvin's a first name, Leland Melvin, you know.

8
00:00:29,910 --> 00:00:32,050

\h Elmo: But Elmo's just Elmo. (Laughs)

9
00:00:32,050 --> 00:00:32,980

\h Melvin: Maybe I'll just be Leland then.

10
00:00:32,980 --> 00:00:38,990

\h Elmo: Cool! Well . . . Elmo's wearing a launch, isn't this a launch and entry suit?

11
00:00:38,990 --> 00:00:41,280

\h Melvin: Yes, it's an LES suit and we call it .

12
00:00:41,280 --> 00:00:42,770

\h Elmo: That's what you call it? An LES?

13
00:00:42,770 --> 00:00:48,370

\h Melvin: LES, launch and entry suit. LES. And it's orange.

14

00:00:48,370 --> 00:00:52,980

\h Elmo: Well, when do you, when do astronauts wear launch and entry suits?

15

00:00:52,980 --> 00:00:56,860

\h Melvin: We wear the launch and entry suits, Elmo, when we launch . . .

16

00:00:56,860 --> 00:00:58,610

\h Elmo: I see, when you launch, when you go up.

17

00:00:58,610 --> 00:01:01,600

\h Melvin: Yeah, we go up, and then when we enter, come back home.

18

00:01:01,600 --> 00:01:02,680

\h Elmo: Oh.

19

00:01:02,680 --> 00:01:05,650

\h Melvin: And the suit can be pressurized, can be blown up a little bit.

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00:01:05,650 --> 00:01:06,920

\h Elmo: Why?

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00:01:06,920 --> 00:01:11,930

\h Melvin: Because if you lose pressure in the shuttle, then you'll have pressure in the suit.

22

00:01:11,930 --> 00:01:13,210

\h Elmo: Oh!

23

00:01:13,210 --> 00:01:14,960

\h Melvin: Because you want to be under pressure.

24

00:01:14,960 --> 00:01:16,200

\h Elmo: Why?

25

00:01:16,200 --> 00:01:18,620

\h Melvin: Because. It's a good thing.

26

00:01:18,620 --> 00:01:21,660

\h Elmo: Oh, Elmo hopes so. Don't you call this something else?

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00:01:21,660 --> 00:01:27,580

\h Melvin: It's also called a pumpkin suit. Wonder why? Why is it called a pumpkin suit?

28

00:01:27,580 --> 00:01:29,860

\h Elmo: Because it looks like something you'd wear during Halloween?

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00:01:29,860 --> 00:01:32,090

\h Melvin: Exactly. It's orange and black.

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00:01:32,090 --> 00:01:33,700

\h Elmo: No! Elmo was just kidding!

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00:01:33,700 --> 00:01:35,710

\h Melvin: No, you're right. Elmo's smart.

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00:01:35,710 --> 00:01:37,580

\h Elmo: That's cool!

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00:01:37,580 --> 00:01:40,600

\h Melvin: Yeah, we wear this. We have a helmet that goes on,

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00:01:40,600 --> 00:01:44,080

\h that keeps everything pressurized and we come home in this and we launch in this.

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00:01:44,080 --> 00:01:45,350

\h Elmo: Wow

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00:01:45,350 --> 00:01:47,000

\h Melvin: You look really good in it, too.

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00:01:47,000 --> 00:01:50,040

\h Elmo: Elmo loves the collar. Collar is really cool.

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00:01:50,040 --> 00:01:52,330

\h Melvin: The puffy collar?

39

00:01:52,330 --> 00:01:54,080

\h Elmo: Yeah.

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00:01:54,080 --> 00:01:55,890

\h Melvin: Yeah, it's pretty cool. You look cool in it Elmo.

41

00:01:55,890 --> 00:01:58,700

\h Elmo: Thanks for teaching Elmo about these really cool suits.

42

00:01:58,700 --> 00:02:01,020

\h Melvin: Yeah, no problem.

43

00:02:01,020 --> 00:02:02,620

\h Elmo: When do you wear the blue one?

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00:02:02,620 --> 00:02:06,640

\h Melvin: You wear the blue suit when you come to talk to people like Elmo, and . . .

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00:02:06,640 --> 00:02:08,950

\h Elmo: So that's the formal wear.

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00:02:08,950 --> 00:02:14,110

\h Melvin: Yeah, that's our formal wear. And when you're flying on the NASA T-38 jet,

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00:02:14,110 --> 00:02:19,660

\h which are high performance jets. So if, if something caught on fire, this does not burn.

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00:02:19,660 --> 00:02:21,450

\h It has something called Nomax in it.

49

00:02:21,450 --> 00:02:22,560

\h Elmo: Nomax?

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00:02:22,560 --> 00:02:25,790

\h Melvin: Nomax. So it keeps it from burning, so your skin won't burn.

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00:02:25,790 --> 00:02:28,110

\h Elmo: What about the white one? When do you wear the white one?

52

00:02:28,110 --> 00:02:32,540

\h Melvin: The white one, those are when you're doing a spacewalk.

53

00:02:32,540 --> 00:02:35,720

\h Elmo: Really? When you're outside of a spaceship?

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00:02:35,720 --> 00:02:39,960

\h Melvin: When you're floating in space and you're actually outside the spaceship.

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00:02:39,960 --> 00:02:43,880

\h And that suit is pressurized, too. And you can float around, you can work.

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00:02:43,880 --> 00:02:48,690

\h The elbows are hinged, so you can move your elbows around.

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00:02:48,690 --> 00:02:50,260

\h Elmo: And you have air conditioning in that?

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00:02:50,260 --> 00:02:55,580

\h Melvin: You have air conditioning, you have heating.

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00:02:55,580 --> 00:02:56,640

\h You have water, you can actually drink water in there.

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00:02:56,640 --> 00:02:57,680

\h Elmo: Where?

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00:02:57,680 --> 00:02:59,790

\h Melvin: It's its own little spacesuit, or your own spaceship.

62

00:02:59,790 --> 00:03:04,300

\h Elmo: Well Mr. Leland, how do you use the bathroom in there?

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00:03:04,300 --> 00:03:05,650

\h Melvin: You use a diaper.

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00:03:05,650 --> 00:03:08,660

\h Elmo: Really?

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00:03:08,660 --> 00:03:11,470

\h Melvin: Yeah, I mean, you've got to

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00:03:11,470 --> 00:03:12,480

\h Elmo: It's just like being a baby!

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00:03:12,480 --> 00:03:14,410

\h Melvin: A baby astronaut!

68

00:03:14,410 --> 00:03:15,280

\h Elmo: Yes!

69

00:03:15,280 --> 00:03:17,770

\h Melvin: That's right, a baby astronaut!