



JUPITER  
OR BUST!

1

00:00:00,390 --> 00:00:03,590

What's the right rocket to launch a robot?

2

00:00:03,590 --> 00:00:08,330

Find out more, right now on "Space Shorts."

3

00:00:08,330 --> 00:00:11,190

Rockets come in lots of shapes and sizes.

4

00:00:11,190 --> 00:00:15,100

So what's the right rocket for a space-exploring robot?

5

00:00:15,100 --> 00:00:20,420

Choosing a rocket depends on three things:  
how much the robot weighs;

6

00:00:20,420 --> 00:00:26,310

how far away it's going; and what it's going to do.

7

00:00:26,310 --> 00:00:29,789

When the robot is small and light, and stays close to study Earth,

8

00:00:29,789 --> 00:00:32,899

a small rocket is A-OK.

9

00:00:32,899 --> 00:00:36,620

When the robot is large and heavy, with lots and lots of gear,

10

00:00:36,620 --> 00:00:39,570

and travels far away in the solar system, a big,

11

00:00:39,570 --> 00:00:43,030

powerful rocket is what will do the job.

12

00:00:43,030 --> 00:00:44,890

It's hard to find the perfect match,

13

00:00:44,890 --> 00:00:47,570

but that's the mission of all the dedicated  
people in

14

00:00:47,570 --> 00:00:50,380

NASA's Launch Services Program.