



1
00:00:01,820 --> 00:00:07,110

NASA's new Parker Solar Probe is getting some intense environmental testing.

2
00:00:07,130 --> 00:00:13,400

Extreme tests simulate extreme conditions the satellite experiences during launch and beyond.

3
00:00:13,420 --> 00:00:19,200

Parker Solar Probe was built at the Johns Hopkins Applied Physics Lab

4
00:00:19,220 --> 00:00:25,230

and will explore the Sun's outer atmosphere.

5
00:00:25,250 --> 00:00:31,170

Recently, lasers were fired at the spacecraft to test its solar panels.

6
00:00:31,190 --> 00:00:37,280

These panels will power the entire spacecraft as it travels to the Sun.

7
00:00:37,300 --> 00:00:43,580

Near the Sun, the heat shield must withstand temperatures up to 2,500 degrees Fahrenheit.