



1  
00:00:01,010 --> 00:00:02,460  
We're building a satellite.

2  
00:00:02,460 --> 00:00:07,600  
We developed a 6U CubeSat for NASA Cube Quest that's going into deep space.

3  
00:00:07,600 --> 00:00:09,760  
We're children of the maker movement.

4  
00:00:09,760 --> 00:00:11,240  
We actually formed because of the challenge.

5  
00:00:11,240 --> 00:00:12,520  
It's become a business.

6  
00:00:12,520 --> 00:00:15,680  
We're trying to win the farthest communication distance prize.

7  
00:00:15,680 --> 00:00:19,240  
So we're going to actually ride the SLS and they're dropping us off passed the Moon.

8  
00:00:19,250 --> 00:00:22,410  
We get kicked out, solar panels pop open.

9  
00:00:22,410 --> 00:00:24,380  
We're actually flying some new technology.

10  
00:00:24,380 --> 00:00:27,620  
We've invented a form of ionic plasma propulsion.

11  
00:00:27,620 --> 00:00:32,099  
We're using a very minute amount of fuel to achieve a huge amount of thrust.

12  
00:00:32,099 --> 00:00:33,239  
It's pretty revolutionary.

13  
00:00:33,239 --> 00:00:37,420  
And we're having to develop technology just  
to allow for the communications that we need.

14  
00:00:37,420 --> 00:00:39,879  
All the panels face up and it twirls.

15  
00:00:39,879 --> 00:00:44,609  
So we're developing a line of satellite dishes  
that are small and portable that track moving

16  
00:00:44,609 --> 00:00:47,079  
satellites as it comes across the horizon.

17  
00:00:47,080 --> 00:00:50,020  
Then we can actually prove to NASA that we were able to communicate

18  
00:00:50,020 --> 00:00:52,520  
that data back to Earth successfully.

19  
00:00:52,530 --> 00:00:53,760  
We've got passion, we've got drive.