



1

00:00:00,280 --> 00:00:08,179

My Name is Al Bowers and I'm the chief scientist at Armstrong.

2

00:00:08,179 --> 00:00:17,860

We're working on a small project called a PRANTL-M. And this is an idea to try and

3

00:00:17,860 --> 00:00:23,400

fly small U.A.V's on Mars, get some reconnaissance photos of potential landing sites.

4

00:00:23,400 --> 00:00:27,990

MRO, The Mars Reconnaissance Orbiter, has done a really outstanding job of mapping out

5

00:00:27,990 --> 00:00:31,630

on a global scale, the Martian surface.

6

00:00:31,630 --> 00:00:36,769

The actual details of the surface, very close down, have not been looked at very carefully.

7

00:00:36,769 --> 00:00:50,710

The idea of flying an aircraft on Mars is very exciting to us.

8

00:00:50,710 --> 00:00:56,620

So we just had the first flight, on the little PRANTL-M and uh, there were a couple of surprises;

9

00:00:56,620 --> 00:01:01,719

it turns out that it was very sporty in roll and so uh, over control in roll is fairly

10

00:01:01,719 --> 00:01:07,869

easy but our pilot was able to get it under control and fly it back down and safely land

11

00:01:07,869 --> 00:01:12,450

it so we're pretty excited about this.