1
00:00:00,030 --> 00:00:05,040
NASA is pushing the boundaries of human knowledge and expanding the limits of

2
00:00:05,040 --> 00:00:10,230
technology. I am proud to announce that
our next New Frontiers mission,

3
00:00:10,230 --> 00:00:22,419
Dragonfly, will explore Saturn's largest
moon Titan.

4
00:00:22,419 --> 00:00:27,079
Dragonfly will be the first drone lander
with the capability to fly over a

5
00:00:27,079 --> 00:00:31,910
hundred miles through Titan's thick
atmosphere. Titan is unlike any other

6
00:00:31,910 --> 00:00:36,290
place in our solar system and the most
comparable to early Earth. The

7
00:00:36,290 --> 00:00:40,430
instruments on board will help us
investigate organic chemistry and search

8
00:00:40,430 --> 00:00:47,329
for chemical signatures of past or even
present life. So we have on Titan

9
00:00:47,329 --> 00:00:52,250
an opportunity to observe the processes
that were present on early Earth when

10
00:00:52,250 --> 00:00:56,720
life began to form. And possibly even
conditions that may be able to harbor

11

00:00:56,720 --> 00:01:00,199
life today. One of the things that is particularly

12
00:01:00,199 --> 00:01:04,549
exciting about this mission is that we
can do the very detailed chemical

13
00:01:04,549 --> 00:01:09,200
measurements, but be able to put them in the context of Titan as a system.

14
00:01:09,260 --> 00:01:14,000
It's the science that really motivates us to do this exciting and difficult mission.