



1

00:00:01,260 --> 00:00:06,750

When you think about NASA, you probably think rockets and Mars rovers and earth-observing

2

00:00:06,750 --> 00:00:11,620

satellites, but you should also know about earthquake shock absorbers, next-generation

3

00:00:11,620 --> 00:00:14,260

jet engines, and tools for brain surgery.

4

00:00:14,260 --> 00:00:17,900

NASA's groundbreaking technologies drive exploration.

5

00:00:17,900 --> 00:00:23,720

They make it possible for us to send spacecraft to the far reaches of the solar system, answer

6

00:00:23,720 --> 00:00:30,029

fundamental questions, understand our home planet, and make flying safer and more efficient.

7

00:00:30,029 --> 00:00:35,350

But they also encourage economic activity, create jobs, and help generate tangible benefits

8

00:00:35,350 --> 00:00:37,359

for people like you.

9

00:00:37,359 --> 00:00:40,839

NASA technologies save lives and make our world a better place.

10

00:00:40,839 --> 00:00:45,499

NASA brings its space and aviation technologies back down to Earth by encouraging businesses,

11

00:00:45,499 --> 00:00:50,739

entrepreneurs, and individuals to use NASA

technologies to develop new ideas and products.

12

00:00:50,739 --> 00:00:55,070

The ideas and products that companies turn into new ones are called spinoffs.

13

00:00:55,070 --> 00:00:59,499

In 2015, we're delighted to bring you the stories of 44 spinoffs in everything from

14

00:00:59,499 --> 00:01:03,940

software and manufacturing to medical devices and consumer goods.

15

00:01:03,940 --> 00:01:08,330

You can learn how dampers used during space shuttle launches are also used in hundreds

16

00:01:08,330 --> 00:01:13,180

of buildings in Los Angeles, Tokyo and other earthquake-prone cities to protect buildings

17

00:01:13,180 --> 00:01:14,800

and lives.

18

00:01:14,800 --> 00:01:19,610

You can learn about a revolutionary jet engine that promises a 75 percent reduction in noise

19

00:01:19,610 --> 00:01:21,000

and big gains in fuel efficiency.

20

00:01:21,000 --> 00:01:27,100

And you can learn how NASA engineers developed the world's first endoscope used in brain

21

00:01:27,100 --> 00:01:29,890

surgery that produces a 3D image for surgeons.

22

00:01:29,890 --> 00:01:34,070

You can also find new technologies available for licensing.

23

00:01:34,070 --> 00:01:38,830

These spinoffs of the future are just waiting for someone with the right idea to come along.

24

00:01:38,830 --> 00:01:42,280

NASA technologies are the foundation of every NASA mission.

25

00:01:42,280 --> 00:01:45,810

And NASA spinoffs touch every part of our lives.

26

00:01:45,810 --> 00:01:47,409

There's more space in your life than you think.