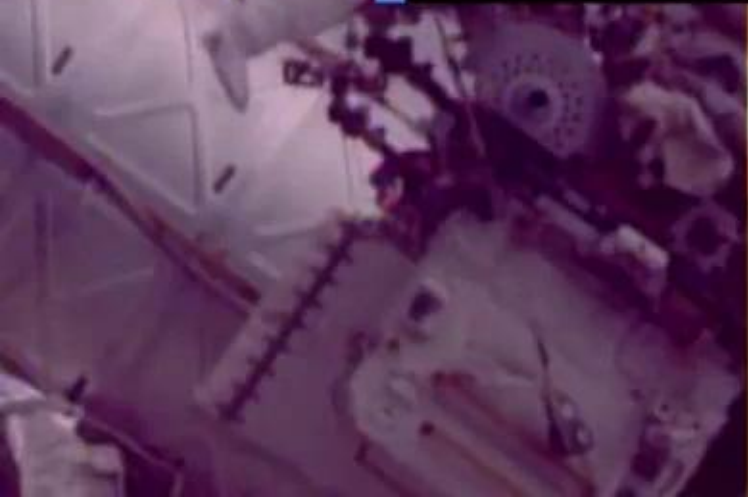




Read about NASA tech you probably use every day.



1

00:00:00,590 --> 00:00:04,150

The first space station spacewalk of the new year ...

2

00:00:04,150 --> 00:00:07,710

Launching GOLD to study Earth's near-space environment ...

3

00:00:07,710 --> 00:00:13,019

And – read all about it ... there's NASA tech you probably use every day ... a few

4

00:00:13,019 --> 00:00:17,670

of the stories to tell you about – This Week at NASA!

5

00:00:17,670 --> 00:00:22,690

On Jan. 23, our astronauts Mark Vande Hei and Scott Tingle conducted the International

6

00:00:22,690 --> 00:00:25,060

Space Station's first spacewalk of the year

...

7

00:00:25,060 --> 00:00:30,430

"I'm seeing the head of the bolt going down past the groove."

8

00:00:30,430 --> 00:00:36,140

... replacing hardware that enables the station's robotic arm to grab onto visiting spacecraft

9

00:00:36,140 --> 00:00:37,930

and other objects.

10

00:00:37,930 --> 00:00:42,079

Mission controllers are diagnosing a communications issue with the hardware, and could address

11

00:00:42,079 --> 00:00:47,870  
it in the next spacewalk on Jan. 29.

12  
00:00:47,870 --> 00:00:52,809  
Our Global-scale Observations of the Limb  
and Disk, or GOLD mission launched aboard

13  
00:00:52,809 --> 00:00:57,200  
a commercial communications satellite, Jan.  
25 from French Guiana.

14  
00:00:57,200 --> 00:01:01,629  
Despite a launch issue that will delay it  
reaching its proper orbit, GOLD is in good

15  
00:01:01,629 --> 00:01:06,469  
shape and on track to study the physics of  
our planet's near-space environment.

16  
00:01:06,469 --> 00:01:11,279  
GOLD data will help us better understand how  
astronauts, and guidance and communications

17  
00:01:11,279 --> 00:01:16,439  
signals are affected by this region of space.

18  
00:01:16,439 --> 00:01:22,270  
Our annual Spinoff publication is now available  
online, highlighting NASA initiatives that

19  
00:01:22,270 --> 00:01:27,670  
have led to technology with commercial and  
societal benefits – used by many of us every

20  
00:01:27,670 --> 00:01:28,909  
day.

21  
00:01:28,909 --> 00:01:36,869  
Download now at [spinoff.nasa.gov](http://spinoff.nasa.gov).

22

00:01:36,869 --> 00:01:42,939

On Jan. 25, our Acting Administrator Robert Lightfoot, and other senior officials led

23

00:01:42,939 --> 00:01:48,889

an observance at Arlington National Cemetery in Virginia, as part of the agency's Day

24

00:01:48,889 --> 00:01:49,899

of Remembrance.

25

00:01:49,899 --> 00:01:57,109

The annual event pays tribute to the fallen astronauts of Apollo 1, space shuttles Challenger

26

00:01:57,109 --> 00:02:02,959

and Columbia, and other members of the NASA family who lost their lives supporting the

27

00:02:02,959 --> 00:02:06,859

agency's mission of exploration and discovery.

28

00:02:06,859 --> 00:02:12,140

That's what's up this week @NASA ...