



TW@N

THIS WEEK @ NASA

1

00:00:00,300 --> 00:00:02,268

A new look at a “star factory” ...

2

00:00:02,268 --> 00:00:04,771

Practicing Moonwalks here on Earth ...

3

00:00:05,105 --> 00:00:08,074

And an Earthly assist
for a NASA spacecraft ...

4

00:00:08,074 --> 00:00:11,277

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

5

00:00:12,746 --> 00:00:16,816

A new Webb Space Telescope
image of the iconic Pillars of Creation –

6

00:00:16,850 --> 00:00:21,287

a star factory of sorts –
is visually stunning and could help us

7

00:00:21,287 --> 00:00:24,391

better understand
how stars form within clouds

8

00:00:24,391 --> 00:00:27,627

of gas and interstellar dust.

9

00:00:27,627 --> 00:00:32,766

An analog mission this month to practice
lunar operations near Flagstaff, Arizona

10

00:00:32,766 --> 00:00:36,136

will provide crucial data
for future Artemis Moon missions.

11

00:00:36,536 --> 00:00:40,807

Learn more about analog missions

at nasa.gov/analogs.

12

00:00:41,941 --> 00:00:44,878

Our Lucy spacecraft
swung back by Earth on

13

00:00:44,878 --> 00:00:48,481

Oct. 16, exactly one year after its launch.

14

00:00:48,882 --> 00:00:53,386

The close flyby also gave Lucy
the first of several gravity assists

15

00:00:53,386 --> 00:00:56,623

it needs from Earth
to reach the never-before-visited

16

00:00:56,623 --> 00:00:59,826

Trojan asteroids
that share an orbit with Jupiter.

17

00:01:00,860 --> 00:01:02,429

Lithium-ion battery

18

00:01:02,429 --> 00:01:06,800

packs installed in our all-electric X-57
Maxwell aircraft

19

00:01:07,067 --> 00:01:09,369

successfully powered the plane's motors.

20

00:01:09,903 --> 00:01:11,738

This important milestone brings

21

00:01:11,738 --> 00:01:14,808

the experimental plane
a step closer to first flight.

22

00:01:15,942 --> 00:01:19,379

Former NASA astronaut Jim McDivitt,
who commanded the

23

00:01:19,379 --> 00:01:23,750

Gemini IV and Apollo 9 missions,
died on Oct. 13.

24

00:01:24,284 --> 00:01:26,886

Jim McDivitt was 93 years old.