

A photograph of the International Space Station (ISS) in orbit above Earth. Two astronauts in white space suits are visible working on the station's exterior. Large orange solar panel arrays are prominent. The Earth's blue and white atmosphere is visible in the background against the blackness of space.

TW@N

THIS WEEK @ NASA

1

00:00:00,000 --> 00:00:04,404

Another power-generating spacewalk
outside the space station.

2

00:00:04,404 --> 00:00:08,108

A commercial resupply spacecraft
heads to the station.

3

00:00:08,108 --> 00:00:11,945

And sharing the experience of
a ride aboard the space station.

4

00:00:11,945 --> 00:00:15,582

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

5

00:00:16,282 --> 00:00:21,988

On June 9, NASA astronauts Steve Bowen and
Woody Hoburg conducted a spacewalk

6

00:00:21,988 --> 00:00:28,194

to install an upgraded International Space
Station Roll Out Solar Array, or IROSA.

7

00:00:28,194 --> 00:00:32,632

This is the fifth of six new IROSAs being
installed to augment the station's

8

00:00:32,632 --> 00:00:37,504

power system – the sixth is scheduled to
be installed later this month.

9

00:00:37,504 --> 00:00:43,209

Once all six are installed, the station
could generate more than 30% more power.

10

00:00:44,544 --> 00:00:48,214

“And liftoff of CRS-28.
Go Falcon, go Dragon.”

11
00:00:48,214 --> 00:00:52,318
The new International Space Station Roll
Out Solar Arrays were delivered aboard the

12
00:00:52,352 --> 00:00:56,990
SpaceX Dragon cargo spacecraft that
launched to the station June 5

13
00:00:56,990 --> 00:00:59,025
from our Kennedy Space Center.

14
00:00:59,025 --> 00:01:03,096
The Dragon also delivered new science
investigations, food, supplies,

15
00:01:03,096 --> 00:01:05,799
and other equipment for the station crew.

16
00:01:05,799 --> 00:01:09,569
This is SpaceX's 28th commercial resupply
services mission

17
00:01:09,569 --> 00:01:11,704
to the space station for NASA.

18
00:01:12,539 --> 00:01:18,611
On June 5, NASA astronauts Nicole Mann and
Josh Cassada, and Japan Aerospace

19
00:01:18,611 --> 00:01:21,748
Exploration Agency astronaut Koichi Wakata

20
00:01:21,748 --> 00:01:25,952
talked about their SpaceX Crew-5 mission
to the International Space Station

21
00:01:25,952 --> 00:01:30,323
during a post-flight event for employees
at NASA headquarters.

22

00:01:30,323 --> 00:01:33,793

They also visited with
Deputy Administrator Pam Melroy,

23

00:01:33,793 --> 00:01:36,763

and Associate Administrator Bob Cabana.

24

00:01:36,763 --> 00:01:41,167

The Crew-5 astronauts spent
157 days in space.

25

00:01:41,734 --> 00:01:47,040

An independently appointed review board
determined that actions taken by NASA,

26

00:01:47,040 --> 00:01:50,043

our Jet Propulsion Laboratory, and Caltech

27

00:01:50,043 --> 00:01:56,382

to put the Psyche mission on track for an
October 2023 launch have been outstanding.

28

00:01:56,382 --> 00:02:00,620

The Psyche spacecraft will travel to
and study a metal-rich asteroid

29

00:02:00,620 --> 00:02:02,122

of the same name.

30

00:02:02,122 --> 00:02:06,359

The board was convened last summer
after the mission team requested

31

00:02:06,359 --> 00:02:10,797

to delay the spacecraft's
August 2022 launch.

32

00:02:10,797 --> 00:02:12,799

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