
NASA
SCOTT KELLY

1
00:00:00,789 --> 00:00:04,060
“Here’s some of the stories trending This
Week at NASA!”

2
00:00:04,060 --> 00:00:08,700
“I want to thank everyone on the ground
first.

3
00:00:08,700 --> 00:00:11,440
Team work makes the dream work in spaceflight.”

4
00:00:11,440 --> 00:00:16,250
After spending nearly a year aboard the International
Space Station -- conducting a host of biomedical

5
00:00:16,250 --> 00:00:20,490
and psychological research on the impacts
of long-duration spaceflight on the human

6
00:00:20,490 --> 00:00:26,130
body, NASA’s Scott Kelly and Mikhail Kornienko
of the Russian space agency Roscosmos wrapped

7
00:00:26,130 --> 00:00:31,460
up their historic mission on March 1 – saying
farewell to the crew staying on the station.

8
00:00:31,460 --> 00:00:34,020
“Getting ready to depart the International
Space Station.”

9
00:00:34,020 --> 00:00:39,430
Then climbing aboard the Soyuz spacecraft
with cosmonaut Sergey Volkov, to begin their

10
00:00:39,430 --> 00:00:40,670
journey back to Earth.

11
00:00:40,670 --> 00:00:43,700

“Undocked from the International Space Station.

12
00:00:43,700 --> 00:00:47,870
Mikhail Kornienko, Scott Kelly, Sergey Volkov
– on their way home.”

13
00:00:47,870 --> 00:00:52,620
Several hours later, the three floated to
a safe parachute landing in Kazakhstan … back

14
00:00:52,620 --> 00:00:58,030
on solid ground for the first time in 340
days, it was not long before they were enjoying

15
00:00:58,030 --> 00:01:01,430
some of the things that they have missed most
about being on Earth.

16
00:01:01,430 --> 00:01:05,940
“Scott just looked at us and said, ‘The
air feels great out here, I have no idea why

17
00:01:05,940 --> 00:01:07,590
you guys are all bundled up.”

18
00:01:07,590 --> 00:01:11,760
Just over a day, later – at Houston’s
Ellington Field, near Johnson Space Center,

19
00:01:11,760 --> 00:01:16,440
a host of family, colleagues and VIPs were
there to welcome Kelly back to the United

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00:01:16,440 --> 00:01:22,070
States, including Second Lady of the United
States Dr. Jill Biden, Assistant to the President

21
00:01:22,070 --> 00:01:27,510
for Science and Technology Dr. John P. Holdren,
and NASA Administrator Charles Bolden.

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00:01:27,510 --> 00:01:33,720
There were cheers, embraces and expressions
of appreciation for his efforts to help advance

23
00:01:33,720 --> 00:01:37,150
deep space exploration and America's Journey
to Mars.

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00:01:37,150 --> 00:01:39,760
"People love you; they love everything you've
done.

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00:01:39,760 --> 00:01:41,720
So, on behalf of all of us, welcome back."

26
00:01:41,720 --> 00:01:46,240
"It's going to help us figure out how
to deal with those physiological changes on

27
00:01:46,240 --> 00:01:50,620
the even longer missions that are ahead, when
we go to Mars – and we are going to go to

28
00:01:50,620 --> 00:01:54,760
Mars there is no doubt about that, we are
committed to it."

29
00:01:54,760 --> 00:01:58,090
"You are truly are an inspiration to all
of us.

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00:01:58,090 --> 00:02:03,700
You're doing that for so many young Americans
and I thank you for that."

31
00:02:03,700 --> 00:02:08,390
"This mission is the latest achievement
in our country's space program, but it's

32
00:02:08,390 --> 00:02:09,999
not the last; there will be more.

33
00:02:09,999 --> 00:02:16,069
It’s in our DNA of our country to explore
and we must never stop doing this – we must

34
00:02:16,069 --> 00:02:21,889
lead, we must learn and we must discover.”

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00:02:21,889 --> 00:02:26,269
Back in Russia, NASA astronaut Jeff Williams
is preparing for his third tour aboard the

36
00:02:26,269 --> 00:02:28,310
International Space Station.

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00:02:28,310 --> 00:02:35,079
On March 3, Williams and Expedition 47-48
crewmates Alexey Ovchinin and Oleg Skripochka

38
00:02:35,079 --> 00:02:40,999
of Roscosmos participated in traditional ceremonies
before heading off to the Baikonur Cosmodrome

39
00:02:40,999 --> 00:02:46,220
in Kazakhstan, to complete final training
for their March 18 Eastern time launch to

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00:02:46,220 --> 00:02:49,700
the station for a six-month mission.

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00:02:49,700 --> 00:02:55,019
During a Feb. 29 media event at Ronald Reagan
Washington National Airport in Arlington,

42
00:02:55,019 --> 00:03:00,090
Virginia, NASA Administrator Charlie Bolden
and Associate Administrator for Aeronautics

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00:03:00,090 --> 00:03:05,329
Research, Jaiwon Shin, announced the selection
of a team led by Lockheed Martin Aeronautics

44
00:03:05,329 --> 00:03:10,939
Company to complete the preliminary design
for Quiet Supersonic Technology (QueSST) – a

45
00:03:10,939 --> 00:03:13,749
“low boom” flight demonstration aircraft.

46
00:03:13,749 --> 00:03:18,809
It is the first in a series of ‘X-planes’
called for under NASA's New Aviation Horizons

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00:03:18,809 --> 00:03:24,209
initiative to build a clean transportation
system for the 21st century.

48
00:03:24,209 --> 00:03:31,569
This development brings the return of supersonic
passenger air travel a step closer to reality.

49
00:03:31,569 --> 00:03:37,280
Also on Feb. 29, at Glenn Research Center’s
Plum Brook Station in Sandusky, Ohio, engineers

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00:03:37,280 --> 00:03:42,779
deployed a solar array wing on the test version
of the Orion spacecraft’s service module.

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00:03:42,779 --> 00:03:48,529
The 24-foot wing qualification model provided
by the European Space Agency (ESA) was deployed

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00:03:48,529 --> 00:03:54,499
to confirm that the array unfurled properly,
and that all mechanical parts worked as expected.

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00:03:54,499 --> 00:04:00,519
It was also an important first step to verify
Orion’s power system for Exploration Mission-1,

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00:04:00,519 --> 00:04:04,180
its first flight on NASA’s Space Launch
System rocket.

55
00:04:04,180 --> 00:04:10,359
NASA’s Origins, Spectral Interpretation,
Resource Identification, Security-Regolith

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00:04:10,359 --> 00:04:17,160
Explorer (OSIRIS-REx) spacecraft is scheduled
to launch in September to asteroid Bennu – on

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00:04:17,160 --> 00:04:21,950
the first U.S. mission to collect a sample
of an asteroid and return it to Earth for

58
00:04:21,950 --> 00:04:22,950
study.

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00:04:22,950 --> 00:04:26,920
The agency is looking for people to create
art that expresses how the mission’s spirit

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00:04:26,920 --> 00:04:32,510
of exploration is reflected in their own lives,
and submit those creative expressions to ride

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00:04:32,510 --> 00:04:34,480
onboard the spacecraft.

62
00:04:34,480 --> 00:04:38,600
Submissions will be accepted via Twitter and
Instagram until March 20.

63
00:04:38,600 --> 00:04:42,100

And that’s what’s up this week @NASA …