

# TW@N

THIS WEEK @ NASA



1  
00:00:00,033 --> 00:00:03,269  
The move to the launchpad  
ahead of our Artemis I flight test ...

2  
00:00:03,269 --> 00:00:06,906  
Discussing priorities  
for national space activities ...

3  
00:00:07,240 --> 00:00:10,343  
And cargo and science  
head home from the space station ...

4  
00:00:10,510 --> 00:00:13,813  
a few of the stories  
to tell you about – This Week at NASA!

5  
00:00:15,382 --> 00:00:17,250  
On the night of Aug. 16,

6  
00:00:17,250 --> 00:00:21,454  
teams at our Kennedy Space Center  
began the approximately 4-mile move

7  
00:00:21,688 --> 00:00:25,658  
of the Space Launch System  
or SLS rocket and Orion spacecraft

8  
00:00:25,892 --> 00:00:29,362  
from the Vehicle  
Assembly Building to Launch Pad 39B,

9  
00:00:29,529 --> 00:00:33,366  
in preparation for the launch  
of our uncrewed Artemis I flight test.

10  
00:00:33,767 --> 00:00:36,936  
The rocket and spacecraft  
arrived at the pad the next morning.

11

00:00:37,303 --> 00:00:41,408  
Artemis I is the first in a series  
of increasingly complex missions

12  
00:00:41,641 --> 00:00:44,711  
to help us establish  
a long-term presence on the Moon.

13  
00:00:45,111 --> 00:00:49,682  
The mission also will serve  
as a steppingstone to sending astronauts to Mars.

14  
00:00:49,983 --> 00:00:52,652  
Artemis I is currently targeted  
for launch

15  
00:00:52,652 --> 00:00:54,954  
no earlier than Aug. 29.

16  
00:00:56,456 --> 00:01:00,627  
Vice President Kamala Harris recently  
met with the National Space Council

17  
00:01:00,627 --> 00:01:04,164  
at the Chabot Space  
and Science Center in Oakland, California,

18  
00:01:04,431 --> 00:01:07,634  
the official visitor center  
for our Ames Research Center.

19  
00:01:08,101 --> 00:01:11,071  
Aerospace companies at the event  
had the opportunity

20  
00:01:11,071 --> 00:01:14,040  
to display and share their work  
with the vice president.

21  
00:01:14,574 --> 00:01:17,043

The vice president –  
who serves as the chair

22

00:01:17,043 --> 00:01:20,013  
of the National Space Council –  
also made a speech,

23

00:01:20,180 --> 00:01:24,818  
in which she discussed upcoming priorities  
for national activities in space,

24

00:01:25,085 --> 00:01:28,021  
including strengthening  
public-private partnerships

25

00:01:28,254 --> 00:01:31,291  
and the benefits  
of space exploration for all.

26

00:01:32,725 --> 00:01:37,330  
On Aug. 19, a SpaceX Dragon cargo  
resupply spacecraft

27

00:01:37,330 --> 00:01:40,300  
left the International Space Station  
and headed back to Earth

28

00:01:40,500 --> 00:01:43,203  
with more than 4,000 pounds of supplies

29

00:01:43,203 --> 00:01:46,573  
and scientific experiments  
for NASA and others.

30

00:01:47,040 --> 00:01:50,009  
This was SpaceX's 25th Commercial Resupply

31

00:01:50,009 --> 00:01:52,212  
Services mission for NASA.

32

00:01:53,513 --> 00:01:55,582

Another asteroid has been added

33

00:01:55,582 --> 00:01:58,384

to the "to visit" list

for our Lucy spacecraft.

34

00:01:58,918 --> 00:02:03,289

Lucy's science team recently discovered

that the smallest of the mission's

35

00:02:03,289 --> 00:02:06,826

Trojan asteroid targets,

Polymele, has a moon.

36

00:02:07,227 --> 00:02:12,232

With this discovery, Lucy is now on track

to visit a total of nine asteroids -

37

00:02:12,499 --> 00:02:16,769

one main belt asteroid and eight

so-called Trojan asteroids,

38

00:02:16,970 --> 00:02:20,940

a previously unexplored

population of asteroids that lead

39

00:02:20,940 --> 00:02:23,643

and follow Jupiter in its orbit

around the Sun.

40

00:02:25,245 --> 00:02:29,649

Our Wallops Flight Facility in Virginia

recently helped teams of U.S.

41

00:02:29,649 --> 00:02:33,419

college students launch their technology

experiments into space.

42

00:02:33,887 --> 00:02:38,124

The experiments were launched on a Terrier-Improved Malemute sounding rocket

43

00:02:38,358 --> 00:02:43,463

to an altitude of about 91 miles before descending back to Earth by parachute.

44

00:02:43,963 --> 00:02:47,333

The investigations were flown through the RockSat-X program,

45

00:02:47,333 --> 00:02:51,371

which gives students the experience of building experiments for spaceflight.

46

00:02:53,173 --> 00:02:56,342

A quick note about an upcoming change for NASA Television.

47

00:02:56,643 --> 00:03:00,947

NASA TV programming on the Galaxy 13 domestic satellite

48

00:03:00,947 --> 00:03:04,817

is moving from transponder 11 to transponder 15.

49

00:03:05,185 --> 00:03:09,189

Currently, both transponders are active, but distribution of

50

00:03:09,189 --> 00:03:14,661

NASA TV programming on transponder 11 will end on Monday, Aug. 29.

51

00:03:15,161 --> 00:03:20,400

For complete details, please visit [go.nasa.gov/transponder](http://go.nasa.gov/transponder).