



1

00:00:00,340 --> 00:00:03,350

The first element of the spacecraft for Artemis III ...

2

00:00:03,350 --> 00:00:07,270

A NASA astronaut assigned to a future Commercial Crew flight ...

3

00:00:07,270 --> 00:00:11,350

And a strong storm seen from space ... a few of the stories to tell you about – This

4

00:00:11,350 --> 00:00:15,040

Week at NASA!

5

00:00:15,040 --> 00:00:19,080

The first piece of the Orion spacecraft's pressure vessel for our Artemis III mission

6

00:00:19,080 --> 00:00:21,750

is at our Michoud Assembly Facility in New Orleans.

7

00:00:21,750 --> 00:00:25,680

It's a window panel that will provide a view for astronauts on the mission that will

8

00:00:25,680 --> 00:00:30,910

land the first woman and next man on the Moon in 2024.

9

00:00:30,910 --> 00:00:34,680

Astronaut Jeanette Epps has been assigned to the first operational crewed flight of

10

00:00:34,680 --> 00:00:39,510

Boeing's CST-100 Starliner, targeted for launch to the International Space Station

11

00:00:39,510 --> 00:00:40,559  
in 2021.

12  
00:00:40,559 --> 00:00:45,379  
She'll join fellow NASA astronauts Suni  
Williams and Josh Cassada (CASS-uh-duh) for

13  
00:00:45,379 --> 00:00:49,670  
a planned six-month expedition aboard the  
orbiting laboratory.

14  
00:00:49,670 --> 00:00:53,960  
From inside the space station, astronaut Chris  
Cassidy captured views of Hurricane Laura

15  
00:00:53,960 --> 00:00:58,219  
in the Gulf of Mexico, while external cameras  
also spotted the storm.

16  
00:00:58,219 --> 00:01:05,850  
Laura made landfall in the U.S. in southern  
Louisiana on Aug. 27 as a category 4 hurricane.

17  
00:01:05,850 --> 00:01:11,020  
With NASA's Eyes on the Solar System, you  
can follow – in real time – our Mars 2020

18  
00:01:11,020 --> 00:01:16,320  
Perseverance rover and Ingenuity helicopter  
as they trek millions of miles over the next

19  
00:01:16,320 --> 00:01:18,549  
six months to the Red Planet.

20  
00:01:18,549 --> 00:01:21,539  
Find out how at [eyes.nasa.gov](https://eyes.nasa.gov).

21  
00:01:21,539 --> 00:01:26,200  
According to new simulations, an observational  
effect known as microlensing might help our

22

00:01:26,200 --> 00:01:32,590

Nancy Grace Roman Space Telescope find numerous  
rogue planets not tied to a host star, that

23

00:01:32,590 --> 00:01:35,170

are freely drifting through our galaxy.

24

00:01:35,170 --> 00:01:39,599

Studying these island worlds will help us  
understand more about how planetary systems

25

00:01:39,599 --> 00:01:42,909

form, evolve, and break apart.

26

00:01:42,909 --> 00:01:47,299

Former astronaut Gerald "Jerry" Carr passed  
away Aug. 26.

27

00:01:47,299 --> 00:01:51,600

He commanded the last Skylab mission that  
investigated the effects of long duration

28

00:01:51,600 --> 00:01:53,469

spaceflight on the human body.

29

00:01:53,469 --> 00:01:58,130

Later, his experience also influenced the  
cockpit design of the space shuttle as well

30

00:01:58,130 --> 00:02:02,200

as the importance of considering human factors  
in spaceflight.

31

00:02:02,200 --> 00:02:04,229

Jerry Carr was 88 years old.

32

00:02:04,229 --> 00:02:07,340

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

