



Optimism Rises for March Artemis II Moon Launch Following Tests

Description

A second fueling test on NASA's Space Launch System (SLS) rocket was successful on Thursday night. This gives managers confidence to plan a launch of four astronauts around the Moon as soon as March 6.

In this test, there were no major leaks, unlike the first attempt on February 2. Technicians replaced seals on the rocket after a hydrogen gas leak. During the latest countdown at Kennedy Space Center in Florida, the seals worked well.

Lori Glaze, a NASA manager, said the fixes performed well. She added they fully fueled the SLS rocket on time. This success keeps the Artemis II mission on schedule for a launch next month. NASA had to stop previous launch plans due to a persistent hydrogen leak.

NASA is now looking at March 6 as the earliest launch date. However, Glaze warned there is still work to do before the launch can happen. If everything goes well, the Artemis II mission could lift off at 8:29 pm EST on March 6.

The mission will last between nine and ten days. It will take NASA's Orion spacecraft around the far side of the Moon before returning to Earth, setting a record for the farthest humans have traveled from Earth.

Vocabulary List:

1. **Success** /sək'ses/ (noun): The accomplishment of an aim or purpose.
2. **Persistent** /pər'sɪstənt/ (adjective): Continuing to exist or endure over a prolonged period.
3. **Confidence** /'kɒn.fɪ.dəns/ (noun): The feeling or belief that one can rely on someone or something.
4. **Mission** /'mɪʃ.ən/ (noun): An important task or duty assigned to a person or group.
5. **Countdown** /'kaʊn(t)dəʊn/ (noun): The backward counting to indicate the time remaining before an event.
6. **Launch** /lɔ:ntʃ/ (verb): To send a spacecraft or vehicle into the air or into space.

Comprehension Questions

Multiple Choice

1. What is the earliest planned launch date for the Artemis II mission?



- Option: March 1
- Option: March 6
- Option: February 28
- Option: March 10

2. Where did the latest countdown take place?

- Option: Johnson Space Center
- Option: Kennedy Space Center
- Option: Cape Canaveral
- Option: Marshall Space Flight Center

3. What significant issue was resolved during the second fueling test?

- Option: Fuel was not available
- Option: Major leaks
- Option: Technical errors
- Option: Seals malfunctioning

4. How many astronauts are planned to be launched on the Artemis II mission?

- Option: Two
- Option: Four
- Option: Three
- Option: Five

5. What will the Artemis II mission achieve regarding human travel?

- Option: First crewed flight to Mars
- Option: Farthest humans have traveled from Earth
- Option: Longest spacewalk
- Option: Landing on the Moon

6. What is the name of the spacecraft for the Artemis II mission?

- Option: Apollo
- Option: Orion
- Option: SpaceX
- Option: Dragon

True-False

7. The second fueling test of the SLS rocket was conducted on March 6.



8. NASA has experienced persistent hydrogen leaks in previous launch attempts.
9. Lori Glaze is a technician at NASA.
10. The Artemis II mission will last between five and six days.
11. The SLS rocket was fully fueled on time during the latest countdown.
12. The Artemis II mission will take spacecraft around the near side of the Moon.

Gap-Fill

13. NASA is planning to launch the Artemis II mission on _____ 6.
14. The second fueling test was successful, with no major _____ detected.
15. During the mission, NASA's Orion spacecraft will travel around the far side of the _____ before returning.
16. The Artemis II mission is expected to last between nine and ten _____ .
17. Lori Glaze stated that the fixes performed well and were _____ tested.
18. Previous launch plans were stopped due to a persistent hydrogen _____ .

Answer

Multiple Choice: 1. March 6 2. Kennedy Space Center 3. Major leaks 4. Four 5. Farthest humans have traveled from Earth 6. Orion

True-False: 7. False 8. True 9. False 10. False 11. True 12. False

Gap-Fill: 13. March 14. leaks 15. Moon 16. days 17. successfully 18. leak

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)



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1. What term is often used to describe the conclusion or resolution of a situation?
Option: Closure
Option: Silence
Option: Engaging
Option: Rumours
 2. Which word best describes the achievement of a goal or aim?
Option: Success
Option: Confidence
Option: Strategy
Option: Persistent
 3. What term refers to the application of scientific knowledge for practical purposes?
Option: Mythology
Option: Anniversary
Option: Technology
Option: Creator
 4. What word is used to describe a specific task or duty that someone is assigned?
Option: Mission
Option: Countdown
Option: Engaging
Option: Remake
 5. What term is used to refer to the backward counting to an event such as a launch?
Option: Countdown
Option: Rights
Option: Update
Option: Resources
 6. What word describes how one responds to a particular situation or stimulus?
Option: Reaction
Option: Criticism
Option: Rumours
Option: Explore
 7. What word characterizes something that is interesting or holds attention?
Option: Engaging
Option: Persistent
Option: Silence
Option: Hexagonal



8. Which term is used to describe someone who continues firmly in a course of action despite difficulty?

- Option: Persistent
- Option: Success
- Option: Criticism
- Option: Soundtrack

9. What term means to investigate or inquire into something in depth?

- Option: Engaging
- Option: Explore
- Option: Remake
- Option: Conquer

10. What term refers to the music composed for or used in a film or video game?

- Option: Remake
- Option: Campaign
- Option: Soundtrack
- Option: Mythology

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The presentation was so _____ that the audience remained focused throughout.

12. Advancements in _____ have significantly changed the way we communicate.

13. The team focused on their _____ to improve community health through innovation.

14. Her _____ efforts to succeed despite challenges inspired her classmates.

15. The _____ to the rocket launch began weeks in advance to build excitement.

16. Determination and hard work are key factors in achieving _____.

17. The closure of the project brought a sense of relief to the entire team.

18. Despite the _____ circulating around the office management confirmed there would be no layoffs.

19. Receiving _____ feedback can help improve future performances.



20. Please provide an _____ on the status of the project by end of the day.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The end of the project provided the necessary closure for the team involved.
22. The public's reaction to the announcement was overwhelmingly positive.
23. Winning the award was a testament to their hard work and led to notable success.
24. Her persistent efforts paid off in the form of a promotion.
25. Building confidence in one's abilities can lead to greater achievements.
26. The mission of the organization is to support and empower young people.
27. The countdown to the event created excitement among the attendees.
28. The launch of the new product was highly anticipated by consumers.
29. The latest technology has transformed the way we interact with each other.
30. Scientists continue to explore the mysteries of the universe.

Answer

Multiple Choice: 1. Closure 2. Success 3. Technology 4. Mission 5. Countdown 6. Reaction 7. Engaging
8. Persistent 9. Explore 10. Soundtrack

Gap-Fill: 11. engaging 12. technology 13. mission 14. persistent 15. countdown 16. success 17. closure
18. rumours 19. critical 20. update

Matching sentence: 1. closure 2. reaction 3. success 4. persistent 5. confidence 6. mission 7. countdown
8. launch 9. technology 10. explore

CATEGORY

1. Sci/Tech - LEVEL2

POST TAG

1. after fueling test
2. Artemis II
3. ESL learning
4. esl news



5. Level 2
6. Moon

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