Artemis II Crew Leaves Earth’s Orbit En Route to Moon

Description

The Artemis II astronauts left Earth and went to the moon on Thursday. They used their main engine to go very fast, reaching 24,500 mph. This speed is needed to escape Earth’s pull.

The crew included Reid Wiseman, Victor Glover, Christina Koch, and Jeremy Hansen from Canada. They carefully checked their engine firing, which added 867 mph to their speed. The engine ran for nearly six minutes at a high point of 115 miles above Earth. After the engine stopped, their spacecraft was on a path that would take them around the moon and back to Earth.

Hansen shared the crew's excitement with mission control in Houston. He said they felt the support of everyone who worked on the Artemis project. Hansen also mentioned the view of Earth from space.

NASA plans to have more moon flights in the future. Artemis II is an important mission. It helps test the spacecraft and plans for future landings on the moon. NASA wants to land astronauts near the moon's south pole by 2028, with more flights planned next year.

Vocabulary List:

1. **engine** //ˈɛn.dʒɪn// (noun): machine that makes power to move things
2. **escape** //ɪˈskeɪp// (verb): get away from something dangerous or strong
3. **firing** //ˈfaɪrɪŋ// (noun): the moment a rocket engine is turned on
4. **spacecraft** //ˈspeɪsˌkræft// (noun): a vehicle made to travel in space
5. **mission** //ˈmɪʃən// (noun): an important trip with a specific goal
6. **support** //səˈpɔrt// (noun): help, encouragement, or approval from other people

Comprehension Questions

Multiple Choice

1. How fast did the Artemis II astronauts travel to escape Earth's pull?

   Option: 24,500 mph
   Option: 20,000 mph
   Option: 18,000 mph

Option: 30,000 mph

2. Which astronaut is from Canada?

Option: Reid Wiseman
Option: Victor Glover
Option: Christina Koch
Option: Jeremy Hansen

3. How long did the engine run during the launch?

Option: Three minutes
Option: Four minutes
Option: Five minutes
Option: Nearly six minutes

4. What height did the spacecraft reach above Earth during the launch?

Option: 100 miles
Option: 115 miles
Option: 120 miles
Option: 150 miles

5. What is the main goal of the Artemis II mission?

Option: To land on Mars
Option: To test the spacecraft for future moon landings
Option: To establish a space station
Option: To collect samples from asteroids

6. By what year does NASA plan to land astronauts near the moon's south pole?

Option: 2024
Option: 2026
Option: 2028
Option: 2030

True-False

7. Artemis II astronauts left Earth on Wednesday.

8. The Artemis II mission includes astronauts from various countries.

9. The crew felt isolated during their journey.

10. NASA plans to have more moon flights in the future.

11. Jeremy Hansen is the only Canadian astronaut on the mission.

12. The spacecraft's engine added 867 mph to their speed.

Gap-Fill

13. The Artemis II astronauts reached Earth’s pull at a speed of _____ mph.

14. The crew included Reid Wiseman, Victor Glover, Christina Koch, and _____ Hansen.

15. The engine ran for nearly _____ minutes at a high point of 115 miles above Earth.

16. Hansen shared the crew's excitement with mission control in _____.

17. NASA wants to land astronauts near the moon's _____ pole by 2028.

18. The spacecraft's engine added _____ mph to their speed.

Answer

Multiple Choice: 1. 24,500 mph 2. Jeremy Hansen 3. Nearly six minutes 4. 115 miles 5. To test the spacecraft for future moon landings 6. 2028
True-False: 7. False 8. True 9. False 10. True 11. True 12. True
Gap-Fill: 13. 24,500 14. Jeremy 15. six 16. Houston 17. south 18. 867

CATEGORY

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