



Blue Ghost Lander Delivers NASA's Special Cargo on Moon

Description

CAPE CANAVERAL, Fla. -- A private lander from Firefly Aerospace landed on the moon on Sunday. This lander carries tools for NASA to do experiments. It is part of a group of companies that want to build businesses on the moon before sending astronauts there.

The Blue Ghost lander flew down from space to land safely on the moon. It landed in an old volcanic area.

Engineers said, "We're on the moon!" after they confirmed the landing from Texas, about 225,000 miles away.

This landing makes Firefly the first private company to land safely on the moon.

About 30 minutes after landing, Blue Ghost sent back its first pictures. One picture was a selfie, and another showed Earth as a small blue dot in space.

Two other landers are getting ready to land soon. The Blue Ghost is wide and strong, which helps it land safely.

This mission is a step towards more private lunar work. NASA wants to send two private landers to the moon each year.

Firefly's CEO said everything happened as planned. "We got some moon dust on our boots," he added.

Vocabulary List:

1. **Lander** /'lændər/ (noun): A vehicle designed to land on the surface of a celestial body.
2. **Experiments** /ɪk'spɛrɪmənts/ (noun): Scientific tests done to discover or prove something.
3. **Volcanic** /vɒl'kænɪk/ (adjective): Relating to or produced by a volcano.
4. **Mission** /'mɪʃən/ (noun): An important task or duty assigned to a person or group.
5. **Confirmed** /kən'fɜːrmd/ (verb): To validate or corroborate a fact or situation.
6. **Astronauts** /'æstrə,nɔːts/ (noun): Trained personnel who travel and work in space.

Comprehension Questions



Multiple Choice

1. Where did the private lander from Firefly Aerospace land?
Option: Mars
Option: Moon
Option: Jupiter
Option: Saturn
2. What did the Blue Ghost lander carry for NASA?
Option: Astronauts
Option: Experiments
Option: Food supplies
Option: Fuel
3. What area did the Blue Ghost lander touch down on on the moon?
Option: Crater
Option: Volcanic area
Option: Plateau
Option: Desert
4. What did the first pictures sent back by Blue Ghost show?
Option: Martians
Option: Selfie and Earth as a blue dot
Option: Alien structures
Option: Space debris
5. How many private landers does NASA want to send to the moon each year?
Option: One
Option: Two
Option: Three
Option: Four
6. What is the significance of the Blue Ghost mission for Firefly Aerospace?
Option: First private company to land on Mars
Option: First private company to land safely on the moon
Option: First private company to reach Saturn
Option: First private company to mine asteroids



True-False

7. The Blue Ghost lander landed on the moon.
8. The Blue Ghost lander is the first private company to land safely on the moon.
9. NASA plans to send one private lander to the moon each year.
10. The Firefly Aerospace CEO mentioned that the mission did not go as planned.
11. The Blue Ghost sent images of alien life forms on the moon.
12. The Blue Ghost landed in a desert area on the moon.

Gap-Fill

13. Firefly wants to build businesses on the moon before sending astronauts there. The Blue Ghost is part of this effort to develop lunar _____.
14. Two other landers are getting ready to land soon, which indicates increasing interest in private _____ exploration.
15. The Firefly CEO confirmed that everything happened as _____ during the mission.
16. About 30 minutes after landing, Blue Ghost sent back its first _____ of the moon.
17. The Blue Ghost landed in an old _____ area on the moon.
18. Engineers confirmed the landing from _____, about 225,000 miles away.

Answer

Multiple Choice: 1. Moon 2. Experiments 3. Volcanic area 4. Selfie and Earth as a blue dot 5. Two 6. First private company to land safely on the moon

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

Gap-Fill: 13. commerce 14. lunar 15. planned 16. pictures 17. volcanic 18. Texas



Vocabulary quizzes

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

1. Which term refers to the stage of software development where a product is tested by a select group of users?

- Option: Beta
- Option: Emojis
- Option: Control Center
- Option: Lander

2. Who are individuals trained to travel and work in space?

- Option: Villain
- Option: Ambient
- Option: Astronauts
- Option: Notifications

3. Which term is related to geological activities involving volcanoes?

- Option: Control Center
- Option: Volcanic
- Option: Experiments
- Option: Connect

4. What do you call distinctive attributes or aspects of something?

- Option: Switch
- Option: Destroyed
- Option: Features
- Option: Special

5. Who is typically a parent of one's parent?

- Option: Surprising
- Option: Bond
- Option: Grandparents
- Option: Mission

6. Which term means causing astonishment or amazement?

- Option: Surprising
- Option: Announced
- Option: Lander
- Option: Experiments



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7. What is a variant of a chemical element with the same number of protons but different neutrons?
Option: Lander
Option: Isotope
Option: Memories
Option: Switch
8. What is the chemical process involving the loss of electrons?
Option: Notifications
Option: Bond
Option: Oxidation
Option: Recipes
9. Who is the character often regarded as the antagonist in a story?
Option: Stromatolites
Option: Villain
Option: Nutrients
Option: Astronauts
10. What are substances that provide nourishment essential for the maintenance of life and growth?
Option: Nutrients
Option: Features
Option: Switch
Option: Memories

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

11. _____ play a significant role in how we perceive and interact with the world.
12. The astronauts were assigned a critical _____ to explore a distant planet.
13. The research team _____ that the new drug is effective in treating the disease.
14. Our _____ of childhood often shape our personality and outlook on life.
15. Please remember to turn off the lights before you _____ to the next room.
16. Receiving a handmade gift can make someone feel truly _____.
17. The villain sought to _____ the peaceful kingdom and claim the throne.
18. The latest smartphone model boasts advanced camera _____ for better



photography.

19. There is a strong _____ between the twins that goes beyond mere sibling connection.

20. The new app allows users to easily _____ with friends and family through messaging.

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

21. Timely alerts and updates are sent through the app to keep users informed.
22. The central hub for managing various settings and preferences on the device.
23. Scientific tests and trials conducted to validate hypotheses or discover new phenomena.
24. The spacecraft component designed to safely land on a planetary surface.
25. To establish a relationship or link between two or more entities.
26. Detailed instructions for preparing a variety of delicious dishes.
27. Refers to the surrounding environmental conditions or atmosphere.
28. Ancient structures formed by layering of microbial mats in shallow water.
29. A close connection or strong relationship between individuals or groups.
30. The antagonist or negative character often opposing the protagonist in stories.

Answer

Multiple Choice: 1. Beta 2. Astronauts 3. Volcanic 4. Features 5. Grandparents 6. Surprising 7. Isotope 8. Oxidation 9. Villain 10. Nutrients

Gap-Fill: 11. Emotions 12. Mission 13. Confirmed 14. Memories 15. Switch 16. Special 17. Destroy 18. Features 19. Bond 20. Connect

Matching sentence: 1. Notifications 2. Control Center 3. Experiments 4. Lander 5. Connect 6. Recipes 7. Ambient 8. Stromatolites 9. Bond 10. Villain

CATEGORY

- 1. Sci/Tech - LEVEL1



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