



Exciting New Glenn NG-1 Mission News

Description

New Glenn successfully reached its planned orbit in today's NG-1 mission, meeting our main goal. The rocket took off on January 16, 2025, at 2:03 a.m. EST from Launch Complex 36 in Cape Canaveral. The second stage is now in its final orbit after two burns by the BE-3U engines. The Blue Ring Pathfinder is working well and collecting data. Unfortunately, we lost the booster during descent.

Dave Limp, Blue Origin's CEO, expressed pride in New Glenn achieving orbit on its first try. Future missions will carry cargo and crewed landers to the Moon as part of NASA's Artemis program. New Glenn has received orders from NASA, Amazon's Project Kuiper, AST SpaceMobile, and other companies. The rocket also aims to support national security missions. New Glenn is a crucial part of Blue Origin's plans for space exploration. "Today is a milestone for Blue Origin and commercial space," said Jarrett Jones, Senior Vice President of New Glenn.

Vocabulary List:

1. **Orbit** /'ɔ:rbɪt/ (noun): The curved path of a celestial object around a star planet or moon.
2. **Mission** /'mɪʃən/ (noun): An important task or duty that is assigned or undertaken.
3. **Achievement** /ə'tʃi:v.mənt/ (noun): A thing that someone has done successfully typically by effort courage or skill.
4. **Crucial** /'kru:ʃəl/ (adjective): Decisive or critical especially in the success or failure of something.
5. **Support** /sə'pɔ:rt/ (verb): To bear all or part of the weight of something; to help or assist.
6. **Technology** /tek'nɒlədʒi/ (noun): The application of scientific knowledge for practical purposes especially in industry.

Comprehension Questions

Multiple Choice

1. When did New Glenn take off for the NG-1 mission?

Option: January 16, 2025

Option: February 7, 2025

Option: December 25, 2024



Option: March 10, 2025

2. What is the name of the CEO of Blue Origin?

- Option: Dave Limp
- Option: Jarrett Jones
- Option: Elon Musk
- Option: Mark Zuckerberg

3. Which engines were used for the burns in the second stage?

- Option: BE-4
- Option: BE-3U
- Option: RS-25
- Option: RD-180

4. What is the main goal that New Glenn met in the NG-1 mission?

- Option: Deploying satellites
- Option: Reaching orbit
- Option: Mars landing
- Option: Deep space exploration

5. From which launch complex did New Glenn take off for the NG-1 mission?

- Option: Launch Complex 39A
- Option: Launch Complex 36
- Option: Space Launch Complex 40
- Option: Wallops Flight Facility

6. Which companies have placed orders for New Glenn missions?

- Option: SpaceX
- Option: Blue Origin
- Option: Boeing
- Option: Amazon

True-False

7. New Glenn successfully reached its planned orbit in the NG-1 mission.

8. The Blue Ring Pathfinder collects data during ascent.



9. Future missions of New Glenn will support national security missions.

10. Jarrett Jones is the CEO of Blue Origin.

11. New Glenn aims to carry cargo to Mars.

12. The booster was lost during the first burn of the second stage.

Gap-Fill

13. New Glenn took off on January 16, 2025, at 2:03 a.m. EST from Launch Complex

_____.

14. The CEO of Blue Origin, Dave Limp, expressed pride in New Glenn achieving orbit on its first

_____.

15. The BE-3U engines were used for two burns in the second _____.

16. Dave Limp expressed that future missions of New Glenn will carry cargo and _____
to the Moon.

17. New Glenn received orders from NASA, Amazon, AST SpaceMobile, and other _____.

18. Jarrett Jones, Senior Vice President of New Glenn, called the successful orbit achievement a milestone
for Blue Origin and _____ space.

Answer

Multiple Choice: 1. January 16, 2025 2. Dave Limp 3. BE-3U 4. Reaching orbit 5. Launch Complex 36 6. Amazon

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

Gap-Fill: 13. 36 14. try 15. stage 16. crewed landers 17. companies 18. commercial

Vocabulary quizzes



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

1. What is the correct meaning of the word "Admitted"?
Option: Declined
Option: Accepted
Option: Confused
Option: Delayed
2. What action might a customer request in case of dissatisfaction with a product?
Option: Upgrade
Option: Refund
Option: Extension
Option: Discount
3. What term is used to describe a specific goal or purpose that an organization aims to achieve?
Option: Objective
Option: Vision
Option: Mission
Option: Strategy
4. Which word refers to the application of scientific knowledge for practical purposes?
Option: Science
Option: Engineering
Option: Technology
Option: Mathematics
5. What term describes the results or effects of a particular action or situation?
Option: Causes
Option: Antecedents
Option: Consequences
Option: Influences
6. What legal status is declared by a company that is unable to pay its debts?
Option: Profitability
Option: Bankruptcy
Option: Liquidity
Option: Solvency
7. Which term is used to indicate the possession or control of something?
Option: Partnership
Option: Possession
Option: Ownership



Option: Licence

8. What word describes something accomplished successfully especially through effort or skill?

Option: Attempt

Option: Accident

Option: Achievement

Option: Failure

9. What field is primarily concerned with using technical means for problem-solving?

Option: Technology

Option: Art

Option: Social Sciences

Option: Humanities

10. Which term refers to a detailed examination or inquiry into something?

Option: Celebration

Option: Investigation

Option: Resolution

Option: Explanation

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

11. A _____ is a supplier of goods or services.

12. Computer _____ includes physical components like the monitor and keyboard.

13. The industry focused on providing medical services is known as _____.

14. The project is still _____ and has not yet been completed.

15. The legal right to possess and use property is known as _____.

16. Customer _____ is essential for a company to thrive and grow.

17. When a company declares _____ it is unable to pay its debts.

18. An unexpected power _____ disrupted the entire city.

19. If you are not satisfied with the product you may request a _____.

20. The rapid advancement of _____ has revolutionized many industries.



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

21. The forward movement towards a goal or objective is termed .
22. Limitations or control placed on certain actions or activities are .
23. Rival companies or entities that offer similar products or services are called .
24. The capacity to have an effect on the character development or behavior of someone or something is .
25. Repayment of funds especially to a dissatisfied customer is known as a .
26. The curved path followed by a celestial body or satellite around a star planet or moon is called an .
27. Assistance encouragement or backing provided to help someone or something succeed is known as .
28. Of great importance or significance especially in the success or failure of something is described as .
29. A specific task or goal assigned often within the context of an organization's objectives is a .
30. The result of successfully accomplishing a goal or task often through effort or skill is an .

Answer

Multiple Choice: 1. Accepted 2. Refund 3. Mission 4. Technology 5. Consequences 6. Bankruptcy 7. Ownership 8. Achievement 9. Technology 10. Investigation

Gap-Fill: 11. Vendor 12. Hardware 13. Healthcare 14. Ongoing 15. Ownership 16. Support 17. Bankruptcy 18. Outage 19. Refund 20. Technology

Matching sentence: 1. Progress 2. Restrictions 3. Competitors 4. Influence 5. Refund 6. Orbit 7. Support 8. Crucial 9. Mission 10. Achievement

CATEGORY

1. Business - LEVEL2

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