



SpaceX Launches Starlink Mission Amid First Nasdaq Trading

Description

SpaceX achieved a significant milestone on Friday morning with a Falcon 9 rocket launch from Cape Canaveral Space Force Station in Florida. This launch marked the 650th flight of SpaceX's Falcon 9 rocket and was part of the Starlink 10-54 mission, which deployed 29 Starlink V2 Mini Optimized satellites into low Earth orbit.

The rocket lifted off at 8:37 a.m. EDT, shortly before the Nasdaq Stock Market opened. SpaceX's Chief Operating Officer, Gwynne Shotwell, emphasised the importance of the launch, stating it was a historic occasion for the company on the day it went public. The launch occurred with an 80 percent chance of good weather, and meteorologists monitored conditions closely for possible cloud interference.

This mission used the Falcon 9 booster known as B1080, which has a strong track record, including crewed flights to the International Space Station and other missions. Approximately eight minutes after liftoff, the booster successfully landed on the drone ship off South Carolina, marking the 155th landing of this type.

The Starlink mission was also notable as it was SpaceX's first launch since becoming a publicly traded company. The firm's initial public offering raised \$75 billion by selling shares, further strengthening its financial position. Starlink remains a central part of SpaceX's business, with significant revenue expected from its services in the coming years.

Looking ahead, SpaceX plans to continue test flights of its Starship rocket, with intentions to start launching Starlink V3 satellites later in 2026.

Vocabulary List:

1. **milestone** //ˈmaɪlstoʊn// (noun): an important event or achievement in progress
2. **deployed** //dɪˈplɔɪd// (verb): sent out for a particular purpose
3. **orbit** //ˈɔrbɪt// (noun): path one object follows around another
4. **booster** //ˈbuːstə// (noun): part of a rocket that gives extra power
5. **meteorologists** //,miːtiəˈrɒlədʒɪsts// (noun): people who study and predict the weather
6. **revenue** //ˈrevə,nuː// (noun): money a company receives from its business

Comprehension Questions



Multiple Choice

1. What was the mission called that the Falcon 9 rocket launched as part of?
Option: Starlink 10-54
Option: Falcon 10-54
Option: Starlink 9-54
Option: Falcon 9-54
2. What time did the Falcon 9 rocket lift off?
Option: 8:37 a.m. EDT
Option: 9:00 a.m. EDT
Option: 8:05 a.m. EDT
Option: 7:45 a.m. EDT
3. How many Starlink V2 Mini Optimized satellites were deployed during the mission?
Option: 20
Option: 25
Option: 29
Option: 30
4. What was the probability of good weather for the launch?
Option: 70 percent
Option: 80 percent
Option: 90 percent
Option: 100 percent
5. Which Falcon 9 booster was used in this mission?
Option: B1070
Option: B1080
Option: B1085
Option: B1090
6. How much did SpaceX raise from its initial public offering?
Option: \$50 billion
Option: \$65 billion
Option: \$75 billion
Option: \$100 billion



True-False

7. The Falcon 9 rocket launch was the 650th flight of SpaceX's Falcon 9 rocket.
8. The Falcon 9 rocket launched from the Kennedy Space Center.
9. The booster used in this mission has a history of crewed flights to the moon.
10. The Starlink mission was SpaceX's first launch after becoming publicly traded.
11. SpaceX plans to launch Starlink V3 satellites in 2025.
12. Meteorologists closely monitored conditions for possible cloud interference.

Gap-Fill

13. The Falcon 9 rocket launch took place at _____ a.m. EDT.
14. This mission was part of the Starlink _____ mission.
15. SpaceX's initial public offering raised _____ billion by selling shares.
16. The Falcon 9 booster known as B1080 has a strong _____ record.
17. Approximately eight minutes after liftoff, the booster successfully landed on a _____ ship.
18. SpaceX plans to start launching Starlink V3 satellites later in _____ .

Answer

Multiple Choice: 1. Starlink 10-54 2. 8:37 a.m. EDT 3. 29 4. 80 percent 5. B1080 6. \$75 billion

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

Gap-Fill: 13. 8:37 14. 10-54 15. 75 16. track 17. drone 18. 2026

Vocabulary quizzes



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

1. Which field studies the mind and behavior?
Option: Physics
Option: Biology
Option: Psychology
Option: Chemistry

2. Cognitive skills are essential for which type of processing?
Option: Emotional
Option: Physical
Option: Mental
Option: Social

3. Which type of bodies does celestial refer to?
Option: Earthly
Option: Heavenly
Option: Animal
Option: Mineral

4. What phenomenon occurs when one celestial body moves into the shadow of another?
Option: Meteor
Option: Eclipse
Option: Comet
Option: Satellite

5. Who are the scientists that study weather patterns?
Option: Geologists
Option: Meteorologists
Option: Astronomers
Option: Biologists

6. What is the income generated from operations called?
Option: Expense
Option: Profit
Option: Revenue
Option: Loss

7. During a solar eclipse, what is the phase called when the sun is completely obscured?
Option: Partiality
Option: Totality
Option: Visibility



Option: Brightness

8. What do we call a site for disposing of waste materials?

Option: Recycling Center

Option: Incinerator

Option: Landfill

Option: Wastewater Treatment

9. What is the term for making the best or most effective use of resources?

Option: Reducing

Option: Deteriorating

Option: Optimising

Option: Neglecting

10. What do we call substances discharged into the air, such as pollutants?

Option: Reflections

Option: Absorptions

Option: Emissions

Option: Dispersals

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

11. The time of day when the sun is below the horizon but still lights the sky is known as _____.

12. The rocket's additional engines, essential for the launch phase, are called _____.

13. Items that are no longer useful or wanted are often _____.

14. The line where the earth's surface and the sky appear to meet is called the _____.

15. The slow change over time in climate patterns is described as _____.

16. In astronomy, the alignment of two celestial bodies is termed a _____.

17. The path of an object as it moves around another object in space is called its _____.

18. Organic compounds derived from ammonia are known as _____.

19. This type of plastic, commonly used for insulation and packaging, is called _____.



20. Every research study has its own set of _____.

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

21. He tried to suppress his emotions during the stressful situation.
22. Reaching a hundred years of existence is a major milestone for any organization.
23. The stock prices plummeted after the company reported losses.
24. Having different perspectives can enhance problem-solving in a team.
25. The event was available to watch via a livestream for those unable to attend.
26. The observer noted the various phases of the celestial event through his telescope.
27. The team ensured that they had adequate resources to complete the project on time.
28. Reducing carbon emissions is crucial for combating climate change.
29. Many items were discarded when the company decided to downsize.
30. The satellite was placed in geostationary orbit around the Earth.

Answer

Multiple Choice: 1. Psychology 2. Mental 3. Heavenly 4. Eclipse 5. Meteorologists 6. Revenue 7. Totality 8. Landfill 9. Optimising 10. Emissions

Gap-Fill: 11. twilight 12. boosters 13. discarded 14. horizon 15. gradual 16. conjunction 17. orbit 18. amines 19. polystyrene 20. limitations

Matching sentence: 1. suppress 2. milestone 3. plummeted 4. perspectives 5. livestream 6. observer 7. adequate 8. emissions 9. discarded 10. orbit

CATEGORY

1. Sci/Tech - LEVEL4

POST TAG

1. Cape Canaveral
2. ESL learning
3. esl news
4. Level 4



5. Nasdaq
6. spaceX
7. Starlink

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