



NASA Astronaut and Cosmonauts Successfully Undock from ISS

Description

The Soyuz MS-16 spacecraft was at the International Space Station (ISS). It undocked and returned to Earth on Saturday evening. Photo by NASA

April 19 (UPI) -- NASA astronaut Don Pettit and two Russian cosmonauts, Alexey Ovchinin and Ivan Vagner, left the ISS. They are on their way back to Earth.

They departed the ISS at 5:57 p.m. EDT in the Soyuz MS-26 spacecraft. They will travel for about 27.5 hours. They will land in Kazakhstan at 9:20 p.m. EDT on Sunday. This information comes from a NASA [news release](#).

Pettit, Ovchinin, and Vagner spent 220 days in space. They went around the Earth 3,520 times and traveled 93.3 million miles since they arrived at the ISS on September 11.

While at the ISS, they studied many things like life support systems and medicine in space.

This is Don Pettit's fourth spaceflight. He has spent a total of 590 days in space. Ovchinin has also been to space four times and has 595 days in total. Vagner has gone to space two times and spent 416 days there.

The capsule will land in Kazakhstan with a parachute. A helicopter will take the three crew members to Karaganda, Kazakhstan. Pettit will then fly to Houston, and Ovchinin and Vagner will go to training in Star City, Russia.

NASA will show the landing live online starting at 8 p.m. EDT on Sunday at [NASA+](#).

Vocabulary List:

1. **Spacecraft** /'speɪs.kræft/ (noun): A vehicle designed for travel or operation in outer space.
2. **Undocked** /ʌn'dɒkt/ (verb): To separate from a docking port or station.
3. **Astronaut** /'æs.trə.nɔ:t/ (noun): A person trained to travel in a spacecraft.
4. **Parachute** /'pær.ə.ʃu:t/ (noun): A device filled with air to slow descent from height.
5. **Training** /'treɪ.nɪŋ/ (noun): The action of teaching a person or animal a particular skill or behavior.
6. **Live** /laɪv/ (adjective): Broadcast at the time of the event not pre-recorded.

Comprehension Questions



Multiple Choice

1. Who are the astronauts that left the ISS in the Soyuz MS-26 spacecraft?
Option: Don Pettit, Alexey Ovchinin, and Ivan Vagner
Option: Neil Armstrong, Buzz Aldrin, and Michael Collins
Option: Yuri Gagarin, Valentina Tereshkova, and Alexei Leonov
Option: Chris Hadfield, Samantha Cristoforetti, and Tim Peake
2. How long did Pettit, Ovchinin, and Vagner spend in space during this mission?
Option: 220 days
Option: 365 days
Option: 100 days
Option: 500 days
3. How many times did the crew go around the Earth since arriving at the ISS?
Option: 3,520 times
Option: 1,000 times
Option: 10,000 times
Option: 5 times
4. Where will the capsule land with a parachute in Kazakhstan?
Option: Karaganda
Option: Astana
Option: Almaty
Option: Nur-Sultan
5. What will Pettit do after landing in Kazakhstan?
Option: Fly to Houston
Option: Start training in Star City
Option: Go sightseeing in Kazakhstan
Option: Retire from space missions
6. Where will Ovchinin and Vagner go after landing in Kazakhstan?
Option: Training in Star City, Russia
Option: Fly to Houston
Option: Retire from space missions
Option: Go sightseeing in Kazakhstan



True-False

7. Don Pettit, Alexey Ovchinin, and Ivan Vagner spent over a year in space.
8. The capsule landing in Kazakhstan will be without the use of a parachute.
9. NASA will broadcast the live landing event online.
10. Pettit will immediately retire from space missions after landing.
11. Ovchinin and Vagner will continue their training after landing.
12. Pettit, Ovchinin, and Vagner conducted experiments related to space medicine at the ISS.

Gap-Fill

13. The three crew members will be taken to Karaganda, Kazakhstan, by a _____.
14. Pettit, Ovchinin, and Vagner spent a total of _____ days in space during this mission.
15. Ovchinin has been to space _____ times and has 595 days in total.
16. Vagner has gone to space _____ times and spent 416 days there.
17. The Soyuz MS-26 spacecraft departed the ISS at _____ p.m. EDT.
18. Pettit, Ovchinin, and Vagner traveled _____ million miles since arriving at the ISS on September 11.

Answer

Multiple Choice: 1. Don Pettit, Alexey Ovchinin, and Ivan Vagner 2. 220 days 3. 3,520 times 4. Karaganda 5. Fly to Houston 6. Training in Star City, Russia

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

Gap-Fill: 13. helicopter 14. 220 15. four 16. two 17. 5:57 18. 93.3



Vocabulary quizzes

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

1. Which activity involves the search and investigation of unknown places or phenomena?
Option: Payload
Option: Exploration
Option: Radiation
Option: Mission
2. Which term is used to describe the accomplishment of an aim or purpose?
Option: Success
Option: Deliveries
Option: Active
Option: Experience
3. Who are individuals or organizations responsible for creating software or apps?
Option: Parachute
Option: Creators
Option: Cambrian
Option: Developers
4. What is a vehicle or device designed for travel or operation in outer space?
Option: Fossil
Option: Astronaut
Option: Entertainment
Option: Spacecraft
5. What is the action of teaching a person a particular skill or type of behavior?
Option: Gills
Option: Training
Option: Protection
Option: Copyright
6. What is the emission of energy as electromagnetic waves or as moving subatomic particles?
Option: Radiation
Option: Preserved
Option: Request
Option: Industry
7. Which word best describes something that causes great surprise or wonder?



- Option: Unique
- Option: Success
- Option: Amazing
- Option: Payload

8. What term describes something as being the only one of its kind?

- Option: Experience
- Option: Thermal
- Option: Unique
- Option: Payload

9. What is the activity of providing or being provided with amusement or enjoyment?

- Option: Active
- Option: Excited
- Option: Entertainment
- Option: Experience

10. What term refers to the action of carrying goods or products to a particular location?

- Option: Request
- Option: Deliveries
- Option: Protection
- Option: Creators

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

11. A _____ is a specific task or duty assigned to a person or group of people.
12. The students were _____ about the upcoming school trip to the science museum.
13. A fictional _____ with magical powers was the main character in the novel.
14. The spacecraft successfully _____ from the space station to begin its independent journey.
15. The paleontologist discovered a well-preserved _____ of a prehistoric fish.
16. The aquatic animal used its _____ to extract oxygen from the water.
17. The ancient manuscript was carefully _____ to prevent further deterioration.



18. Before landing the skydiver deployed the _____ to slow down the descent.
19. The astronaut's suit provided insulation against extreme _____ conditions in space.
20. The company operates in the technology _____ manufacturing computer components.
21. The author retained the _____ of the novel preventing unauthorized reproduction.

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

22. Safety measures and security protocols are in place to ensure the _____ of personal data.
23. The team of skilled professionals included software engineers and graphic designers who were responsible for creating the app.
24. The artists and writers collaborated to bring the comic book characters to life establishing themselves as the _____ of the series.
25. The customer submitted a formal _____ for a refund due to a defective product.
26. The automotive industry faced challenges due to the increasing competition and economic fluctuations.
27. The discovery of ancient marine organisms provided valuable insights into the biodiversity during the _____ period.
28. The _____ trained conducted experiments on the effects of microgravity aboard the space station.
29. The immersive virtual reality simulation offered users a realistic _____ of deep-sea diving.
30. The boutique showcased handmade jewelry designs that were not available in mainstream stores.
31. The team celebrated the _____ of their project with a special dinner event.
32. The amusement park offered a wide range of options including thrill rides and live shows.

Answer

- Multiple Choice:** 1. Exploration 2. Success 3. Developers 4. Spacecraft 5. Training 6. Radiation 7. Amazing
8. Unique 9. Entertainment 10. Deliveries
Gap-Fill: 11. Mission



12. Excited 13. Creature 14. Undocked 15. Fossil 16. Gills 17. Preserved 18. Parachute 19. Thermal 20. Industry 21. Copyright

Matching sentence: 1. Protection 2. Developers 3. Creators 4. Request 5. Industry 6. Cambrian 7. Astronaut 8. Experience 9. Unique 10. Success 11. Entertainment

CATEGORY

1. Sci/Tech - LEVEL1

Date Created

2025/04/20

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