

# 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** /'speis.kræft/ (noun): A vehicle designed for travel or operation in outer space.
- 2. **Undocked** /\n'\dpkt/ (verb): To separate from a docking port or station.
- 3. Astronaut /'æs.trə.no: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** /'trei.nin/ (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

#### **CATEGORY**

1. Sci/Tech - LEVEL1



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