

# Astronauts land from ISS stint marred by air leak, rocket failure

20 December 2018, by Anna Malpas



Rescuers pulled the crew members out of the capsule

Three astronauts landed back on Earth on Thursday after a troubled stint on the ISS marred by an air leak and the failure of a rocket set to bring new crew members.

A Soyuz spacecraft ferrying Alexander Gerst of the European Space Agency, NASA's Serena Aunon-Chancellor and Sergey Prokopyev of Roscosmos landed safely in Kazakhstan, Russia's [space agency](#) said.

"There's been a landing... The crew of the manned Soyuz MS-09 has returned safely to Earth after 197 days," Roscosmos said on Twitter.

The spacecraft landed slightly ahead of schedule at 0802 Moscow time (0502 GMT), Roscosmos said on its website.

"The crew feels well after returning to Earth," the space agency said.

Live footage on the websites of NASA and Roscosmos did not show the landing of the astronauts' capsule due to thick fog over the snow-covered Kazakh steppe.

Rescuers pulled the [crew members](#) out of the capsule, with Prokopyev and Aunon-Chancellor appearing pale and weak due to the effects of long weightlessness, while Gerst beamed broadly and gave an interview to German television.

When the astronauts blasted off in June, they were one of the least experienced crews ever to join the International Space Station—only Gerst had been on a space mission before, in 2014.



NASA astronaut Serena Aunon-Chancellor, Roscosmos cosmonaut Sergey Prokopyev and German astronaut Alexander Gerst set off in June

Gerst, who is from Germany, has now spent a total of 363 days on the ISS, a record for the European Space Agency. He is now flying to Cologne, the ESA said.

## Air leak

The first significant incident in the crew's mission came in August when astronauts detected an air leak in their Soyuz spacecraft, which was docked to the orbiting space laboratory.

They sealed the small hole successfully but Russia

launched an investigation and its space chief Dmitry Rogozin suggested it could have been deliberate sabotage carried out in space.

Rogozin said that investigators ruled out the possibility the defect was introduced during the spacecraft's manufacture.



The spacecraft landed safely and slightly ahead of schedule in Kazakhstan

Prokopyev and fellow Russian Oleg Kononenko last week carried out a gruelling space walk lasting almost eight hours to locate the hole from the outside and record and bag evidence.

The hole was in a section of the astronauts' spacecraft that was to fall away and burn up in the atmosphere as they landed, hence the need to carry out the probe in space.

During the [space](#) walk, Kononenko said there was some kind of black and yellow "furry" deposit that looked like a "spider" around the hole, but no conclusion has been made public.

Prokopyev brought back the evidence to Earth and will hand it to the FSB security service which will carry out laboratory analysis, TASS state news agency reported citing a source.

Their landing back on Earth was originally planned for December 13 but the schedule was put back after the October failure of a Soyuz rocket carrying the next crew—the first such aborted launch in the post-Soviet era.



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Russia's Aleksey Ovchinin and US astronaut Nick Hague took off for the ISS on October 11 but their Soyuz rocket failed minutes after blast-off, forcing them to eject and make a harrowing emergency landing.

At the time Gerst wrote on Twitter that the astronauts' survival showed "what an amazing vehicle" the Soyuz rocket is.

"Spaceflight is hard. And we must keep trying for the benefit of humankind," he wrote.

The first successful launch of astronauts since the October accident took place on December 3, carrying Kononenko, Anne McClain of NASA and David Saint-Jacques of the Canadian Space Agency.



Prokopyev, along with fellow Russian Oleg Kononenko, last week carried out a gruelling space walk lasting almost eight hours to locate a hole from the outside

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