



18 March 1965: Leonov Successfully Made the First Spacewalk

Lausanne, Switzerland, 18 March 2015 - Wednesday is a special day in the history of space exploration. It is the day, 50 years ago, that Russian cosmonaut Alexey Leonov became the first person to walk in space.

On 18 March 1965, Leonov exited from Russian spaceship Voskhod 2 and stayed out for a total of 23 min 41 seconds. He free floated for 12 min 9 sec, which is the performance that the <u>FAI ratified as a world record, in the "Extravehicular duration in space" category.</u>

At that time, space exploration was still in its early days, and the technological achievement was extraordinary. But this didn't happen as easily as reported in the record file: Leonov's exit was eventful, so much so that he had the utmost difficulty getting back inside the spacecraft.

The nail-biting story of the first spacewalk is related in detail by Leonov himself in <u>a special interview given to FAI on the occasion of the 50th anniversary of his world record</u>. It also includes discussion of his background as a cosmonaut, his selection to the Voshkod 2 mission, his views on the future of astronautics and much more. It was arranged with the kind help of General Vladimir Ivanov, President of the Russian Federation of Aeronautical Sports.

The record file received by the FAI after completion of the mission was meticulously prepared, like all the others submitted by the Russians at that time. It consists of detailed technical information, beautiful pictures and reports from Pavel Belyayev, commander of the Voshkod 2 mission, and Alexey Leonov. The latter document gives an account of Leonov's trip in space but nowhere are the difficulties encountered to re-enter the spaceship mentioned.

"While performing the experiment of leaving the spacecraft, working in outer space and retuning back as well as in the following flight I felt fine. I was completely sure of space suit high quality, and had no doubt about instruments and life support systems reliability.

Some conclusions:

- leaving the spacecraft into outer space is quite possible and is no longer mysterious to a man;
- a man in a special space suit with a self-contained life support system may not only exist in space but also perform certain aimed and coordinated operations;
- it is possible to carry out some physical work, to make scientific observations in outer space."

Belyayev and Leonov, who blasted off on March 18 at 7am on Voskhod 2, landed safely back on Earth the next day.

Over the years, the FAI ratified many "Extravehicular duration in space records". It includes Neil Armstrong (2h 31 min 40 sec) who set a record during the lunar landing in 1969. It is also worth mentioning Bruce McCandless as the first to have achieved an untethered spacewalk in 1984 during the Challenger mission.

Download the pictures and documents of the record file in high resolution

About the FAI

The <u>Fédération Aéronautique Internationale</u> (FAI), the <u>World Air Sports Federation</u>, is the world governing body for air sports and for certifying world aviation and space records. The FAI was founded in 1905 and is a non-governmental and non-profit-making organisation recognised by the International Olympic Committee (IOC).

FAI activities include Balloons and Airships, Power Flying, Gliding, Helicopter flight, Parachuting, Aeromodelling, Aerobatics, Hang Gliding, Microlight and Paramotor flying, Amateur Building of aircraft, Manpowered flying, Paragliding and all other Aeronautic and Astronautic sporting activities.

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