

SPACE CAMP RUSSIA ACTIVITIES DESCRIPTION

1-week-long Space Camp Russia



Visit legendary Buran Russia space shuttle that is located 30-minute walk away of where you stay in Cosmos Hotel. This vehicle was one of those 7 test-vehicles to check a numerous systems located on a real vehicle which flew just once unmanned and landed safely in automatic mode.



Cosmonaut Training Base/Quiz in Multimedia room gives your team a chance to win a prize. Your team have to answer space-related questions as fast as you can. The quiz lasts 45-minutes for teambuilding purposes.



Yu. Gagarin Museum Tour will tell you about life of the first man in space, his biography, work place and history of the beginnings of space exploration. Four halls of more than 2000 items available.

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International Space Station operation overview (in MCC-M room)

The instructor will tell you about how International Space Station is controlled and maintained; its features, crew operation, ground control functions, etc.



Wilderness Survival instructions and Actual Outdoor Survival training (Optional)

Pre-brief is in a classroom before going outside in the woods. Trainees will receive practical skills and knowledge on how to survive in the woods.



Inside MIR space station training

Trainees will get familiarization lecture on MIR station configuration, purposes of all modules, history of the station with its failures during its life on orbit. Inside the mock-up you will learn interior of different modules, crew work-and-rest cycle, etc.



Pre-brief on Soyuz spacecraft Docking Simulation

Before crewmembers learn how to approach and dock spacecraft to the station, they need to study purpose, composition of the docking system and how the system works. The lecture gives insight on how the docking system works and how crewmembers can use/control it to be able to dock spaceship to the station. The trainees will get familiar with controls and operating principles before begin practicing in docking.



Soyuz spacecraft docking to ISS/practical session

The trainees will practice in approach, perform rendezvous and dock the Soyuz vehicle to the ISS using real trainer exactly how cosmonauts and astronauts do. Not an easy task.

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Emergency Space Med Help practical session

During 2-hour practical session, you will learn how to save someone's life. Med help classes are mandatory for astronauts and cosmonauts.



Sokol crew suit instructions (without suit donning)

Sokol crew suit has been the main saver for three crew members located inside the spacecraft when one of the spacecraft's compartments becomes depressurized and begins leaking. While in space during all stages of spacecraft flight (lift-off, autonomous flight, docking and landing), crewmembers wear Sokol suit. Visors/helmets are open during flight, but when depressurization alarm comes, they close their visors and suit automatically creates its own pressure. The trainees will learn what Sokol suit consists of, how it creates its own pressure, how crew members work with the suit in space.



Orlan EVA space suit instructions

International Space Station requires regular maintenance. Works also are performed outside the station – in space. To be able to perform any tasks in space on station maintenance, crewmembers have to be able to work with the space suit donned. The lecture tells about EVA spacesuit purpose, composition and operating principles. Trainees will have chance to view and touch Russian EVA space suit and receive knowledge on its systems.



Reconfigurable aircraft/helicopter trainer (Optional)

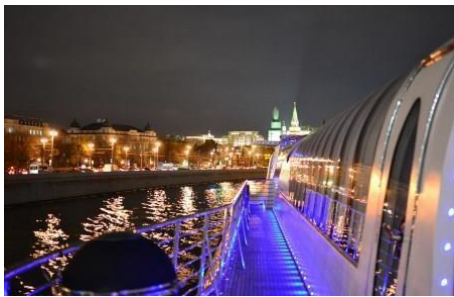
Trainees will have chance to train their skills in aircraft or helicopter control simulating different scenarios: at night, in cloudy weather, etc. Most difficult parts of this training is take-off, approach and landing.

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Tour of Museum of Cosmonautics

A must-visit activity. The biggest and main Museum of Russian Space Exploration.



Moscow River Boat Tour

During 2.5-hour tour you will have unique chance to view the heart of Moscow from the fancy boat riding around the Moscow City center.



Monino Aviation Museum (Optional)

The Museum reveals the history of Soviet Union and Russian Aviation program. It holds dozens of aircrafts and helicopters. It is just nice to go there once and see. The tour is optional as well.



Meet International crews while walking around Soyuz vehicle trainers building.

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Visit HydroLab, similar to Neutral Buoyance Lab at B. Lyndon Johnson Space Center in Houston.



Go inside Space Station and get instructions.



Visit a World-class centrifuge that can make up to 30 g load.

Spin at the Centrifuge (Optional)

We can spin 2-3 trainees within 1 hour.



Try zero-g airplane training (Optional)

10 weightlessness modes per flight with assistance of instructors will fill you with unforgettable memories that will last for the rest of your life.

Duration: the whole day.

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“Orlan” EVA space suit training (Optional)

Don a space suit used for spacewalks – EVA (Extra Vehicular Activity) and receive instructions from your commander.

Training inside spacesuit lasts 1 hour.



“Sokol” crew suit training (Optional)

Don a space suit used while you blast-off the Earth inside the Soyuz rocket.

Training lasts 1 hour with suit pressurization.

Optional activities are not included in to 1-week-long Program and may be added per additional customer’s request.

Send us a message at info@grandrus.com