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## FLIGHT MODULE AND VENUS ENTRY VEHICLE

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### Abstract

*We developed a spacecraft consisting of a flight module and a reentry vehicle. The flight module serves to provide the spacecraft attitude control throughout the Earth–Venus flight. It also ensures the conditions necessary for the normal operation of the spacecraft. In the reentry vehicle there is a pressurized compartment for placing the research equipment there, as well as a central pressurized instrument compartment and a compartment for placing payloads.*

### Keywords

*Spacecraft, flight module, reentry vehicle, aerodynamic characteristics, transmitting antenna, pressurized compartment*

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