

EXPERIMENTS ABOARD THE SPACE VEHICLE “PHOTON-M” NO. 3 AND SOME RESEELTS OF THE MISSION

©2009 V. I. Abrashkin, S. M. Shatokhin, T. B. Kovalyova, S. L. Safronov

Samara Space Rocket Centre “TsSKB-Progress”

The paper deals with scientific experiments carried out aboard the space vehicle “Photon-M” No. 3 in the framework of the flight, September 14 through 26, 2007. The makeup and bulk of devices and experimental installations used as well as the first results of experimental data processing are described.

Experiment, technology, material, space vehicle, analysis, experimental gear, microgravity, zero-gravity state.

Abrashkin Valery Ivanovitch, candidate of technical science, associate professor, Samara Space Rocket Centre “TsSKB-Progress”, e-mail: abrashkin@cskb1-1.ssau.ru. Area of research: investigations in the area of microgravitation and production of space vehicles.

Shatokhin Sergey Mikhailovitch, deputy head of department, Samara Space Rocket Centre “TsSKB-Progress”, e-mail: mail@progress.samara.ru. Area of research: production of space vehicles, technological and scientific experiments.

Kovalyova Tamara Borisovna, leading design engineer, Samara Space Rocket Centre “TsSKB-Progress”, e-mail: mail@progress.samara.ru. Area of research: production of space vehicles, technological and scientific experiments.

Safronov Sergey Lvovitch, head of sector, Samara Space Rocket Centre “TsSKB-Progress”, e-mail: csdb@mail.samtel.ru. Area of research: design and production of space vehicles, microgravitation.