

EXPERIMENTAL DETERMINATION OF THE SIDE FORCES ACTING ON THE COMBUSTION CHAMBER IN THE ALTITUDE CHAMBER AT STARTUP

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Results of experimental development are presented on determination of lateral loads, acting onto a high-altitude chamber during startup in the vacuum cell. The lateral loads were determined by sensors installed in CC fastenings; the obtained results were re-accounted into physical values on the basis of static and dynamic calibration of sensors.

Combustion chamber, liquid rocket engine, lateral load

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