

In the article the requirements to system for airborne gravimetry are formulated. A system for airborne gravimetry must consist of five functional subsystems for 1) specific force measurement, 2) geometric stabilization, 3) terrestrial navigation, 4) altimetry, and 5) computation. The general error of measurements of gravitational anomalies does not exceed 10 mgal. The accuracy requirement to main bodies of the block diagram of system for airborne gravimetry are determined based on analysis of errors of measurements.

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