

A system of automated control, check and registration of the parameters of the power unit of an aircraft has two blocks of normalizers, two blocks for sensor control, two blocks of transformation and processing, two blocks of automated control, two blocks of formers, two operational blocks and two blocks for control of command issue, two blocks for control commands check, two blocks of registration of parameters, block of on-board control, the third and the fourth blocks of normalizers, the first and the second blocks of galvanic decoupling and normalizers, the third and the fourth blocks of control of the sensors and two formers. The system makes it possible to provide control of the parameters of the turbo-starter and issue of warning signals about switch to emergency mode of operation of the turbo-starter providing start (sequential or parallel) of the gas-turbine engines of the power unit of the aircraft, with recording the parameters of the turbo-starter in registration blocks for registration of parameters, warning signalization for the turbo-starter parameters going out of the limiting level.