

Plan Do Check Act (PDCA) Plan, do, check, and act is an acronym for PDCA. After an aviation SMS audit, a reported safety problem, or a trend analysis, the PDCA process is started when you uncover a deficiency/weakness in your SMS that poses an unacceptable degree of safety. Plan-Do-Check-Act (PDCA) is a cycle of improving processes, goods, or services in an iterative way that is widely known as the Deming cycle and the Deming wheel of lean management (Mirko Sokovic, 2010). When implementing risk controls through corrective-preventative activities, Plan Do Check Act is a simple but effective strategy to use. It's repeatable and adaptable to any recognized flaw. The goal is to improve your SMS through logical processes.