
Orbit group availability assessment

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We examine the issues of a space complex composition and find out that it can set reliability indexes such as the orbit group availability. This factor takes into account the availabilities of the aircraft and the terrestrial control complex operating with the aircrafts in the orbit group. We find it necessary to calculate and confirm the availability at the different space complex product life stages. The research demonstrates Markov method as the most reasonable estimation method for orbit group implementation intensity.

Keywords: *space complex, aircraft, orbit group, availability function, break time, implementation time.*

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