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RESEARCH ON FAST TESTING METHOD OF LAUNCH VEHICLE

**Abstract**

Abstract:Fast launch is a core technology of the development of future space vehicle and space information battle. Fast test is a core link of fast launch. This paper firstly research on the domestic and foreign technology of space vehicle. Then analyse the restriction factors in shortening the test period. According to the requirements of contemporary Launch Vehicle, research the key methods of fast test, such as parallel test process, Built-In Test technology, Automated Test System technology and detection technology of redundancy units. Finally, a program concept of fast testing is put forward. Key words:Launch Vehicle; Fast test; ATS; BIT