

Ground-Based Preparatory Activities (11)  
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## RESEARCH ON SPACECRAFT ASSEMBLY INTEGRATION AND TEST CENTER PROJECT MANAGEMENT

### **Abstract**

As the space industry developed in recent years, more and more countries increase the requirement of their own spacecraft assembly integration and test center to make them to join in the space. The spacecraft assembly, integration and test center (abbreviated as AITC) project has its own characteristics, which is multinational and has close relationship to the civil work. In this paper, we analyze the characteristics of AITC project, and new project management suggestions have been advanced based on the Project Management Body of Knowledge. In the Spacecraft AIT center, the test facilities requirement is put forward by the Contractor, and the Contractor has the responsibility to make all the project implemented fluent and reliable. So the project management play a key location in the project. In the paper, we research the project management factors: time, quality and cost. Through the analyze of actual projects experience, we achieve the AIT center project management theory, including the management method, the management organization, the schedule control, the product assurance and so on.