

56th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE
ACTIVITIES (D5)

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MANAGEMENT IN SPACE ACTIVITIES (IP)

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RESEARCH AND PRACTICE ON QUALITY MANAGEMENT OF A NEW GENERATION ROCKET
AT LAUNCH SITE

Abstract

The quality work at launch site, is the final and most important stage of the launch mission. The new generation of Rockets relatively to conventional Rockets, needs to perform liquid hydrogen or liquid oxygen filling, work items and complex processes at launch site. How to take precise work to get assurance success and efficient task execution is the key goal of quality management. Taking the Long March 5 as an example, combined with the practice of the "7+7" quality management method at launch site, this paper discusses how to achieve high quality to ensure success and efficient completion of the mission, so as to provide reference for the quality management of other vehicles.