

HUMAN SPACE ENDEAVOURS SYMPOSIUM (B3)
New Technologies, Processes and Operating Modes Enabling Future Human Missions (7)

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THE LOGISTICS SUPPLY IN CHINA'S TG SPACELAB

Abstract

China's first, TG-1, which had been launched last year and been visited by SZ-8 unmanned spaceship, will have a pretty complete logistics supply plan to prolong the crew's available work time in space, because the TG Spacelab provides an opportunity for crews to address the challenges of adjusting to longer flight duration. The logistics planners attempt to explore the new management methods to accommodate the longer duration missions. They also want to accumulate relevant management experience to serve the further long duration flight missions. This paper explores the Manned Spaceship, Transfer vehicle as well as other tools used in current TG Spacelab and discusses their relevancy for CASAT's future Space Station missions. By studying the regular supplying plan provided by these spacecraft as we plan for the future Space Station. Moving forward we should utilize the TG Spacelab as a testing ground for planning longer logistics aboard the Space Station. Overall, we should continue to develop variety of methods that will allow the volunteer exploring the Universe and search for life.