

Lunar Exploration (3)  
Lunar Mission updates (1A)

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THE SOLUTION AND TECHNOLOGY OF THE GROUND TEST OF CHINA'S LUNAR  
ROVER-YUTU

**Abstract**

China would carry out soft landing task in the second stage of the Lunar Exploration Project and the lander which named Chang'e 3 would release a exploration rover-YuTu on moon. Before launching it must conduct practice and test on earth to be prepared for the remote control and get some date. The gravitation on moon is one-sixth of earth,so the exploration rover can't adapt the difference in gravitation and would be over loaded on earth during moving. The practice and test on earth is important and this was a problem, so our research present the solution and introduce the application in china's ground test for the Lunar Exploration Project.