

Exploration of Other Destination (6)  
Exploration of Other Destination (1)

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## FEASIBILITY STUDY FOR A MANNED MISSION TO VENUS

### **Abstract**

During the last decade voices have been raised on both the governmental and the private sector naming Mars as the next candidate for human exploration efforts to be focused on and the probable candidate to have humans working and even living on it in the near future. However, this study offers an overview on the feasibility of having a human existence in the form of working or living settlement on Venus. The technologies we have nowadays and the proposed plans by various organizations and agencies will be discussed in terms of how feasible it is for a manned mission to Venus. Additionally, this study will thoroughly dive into the proposed methods of settling in the altitudes of Venus, the incentives for this goal, its benefits and its harms, its safety concerns, the expected difficulties and how to overcome them, the technology available to achieve this, and the further technological advancements needed for this purpose.