

The Human Integration Design Handbook (HIDH), NASA/SP-2010-3407, provides guidance for the crew health, habitability, environment, and human factors design of all NASA human space flight programs and projects. The two primary uses for the handbook are to: Help requirement writers prepare contractual program-specific human interface requirements - Users include program managers and system requirement writers; Help designers develop designs and operations for human interfaces in spacecraft - Users include human factors practitioners, engineers and designers, crews and mission / flight controllers, and training and operations developers. The handbook is a resource document for NASA Space Flight Human Systems Standard (SFHSS), NASA-STD-3001. The handbook is a resource for implementing the requirements in the SFHSS, and it provides the data and guidance necessary to derive and implement program-specific requirements that are in compliance with the SFHSS. The scope of the handbook includes all crew operations both inside and outside the spacecraft in space and on lunar and planetary surfaces. It includes Design guidelines for crew interface with workstations, architecture, habitation facilities, and extravehicular activity (EVA) systems. Information describing crew human capabilities and limitations (both physical and cognitive) Environmental support parameters

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