



Living Aloft: Human Requirements for Extended Spaceflight

By Mary M Connors, Albert A Harrison, Faren R Akins

University Press of the Pacific, United States, 2005. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.CONTENTS Acknowledgments Chapter I. Living in Space Background A Framework for Forecasting Guiding Assumptions Theoretical Orientation The Available Data Space Environments The Physical Environment The Social Environment Basic Reactions to Space-like Environments Temporal Fluctuations Summary and Conclusions Chapter II. Behavioral and Selection Implications of Biomedical Changes Physiological Deconditioning Simulation Studies Resistance to Deconditioning Countermeasures Vestibular Alterations Manifestations and Theory Resistance to Vestibular Effects Countermeasures Visual Changes Summary and Conclusions Chapter III. Habitability Background The Physical Environment Interior Space Food Hygiene Temperature and Humidity Decor and Lighting Odor Noise Health and Leisure Recreation Exercise Privacy Meaning and Functions Theory Bases of Needs Mechanisms Crowding Territoriality Privacy in Space Complex Effects Multiple Stressors Aftereffects Summary and Conclusions Chapter IV. Performance Describing Performance Work Requirements in Space Human Performance Abilities Assessment of Human Performance Discrete-task Assessment Techniques Multiple-task Batteries Partial- and Full-scale Simulation In-flight Performance Assessment Future Focus of Research on Performance Assessment Issues in Astronaut Work Regimes Factors Affecting Work Canacity Factors Affecting

Reviews

This composed book is excellent. This really is for all who statte that there had not been a worth reading through. Your life period will probably be change as soon as you total looking over this ebook.

-- Cheyanne Barrows

The book is fantastic and great. I have go through and i also am certain that i will planning to read through once more once more down the road. Its been printed in an exceedingly simple way and is particularly simply after i finished reading through this publication through which really changed me, change the way i think.

-- Hank Powlowski