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Nota di contenuto	Front Matter -- Preface -- Table of Contents -- Figures and Tables -- Executive Summary -- 1 Introduction -- 2 Advanced Life Support Systems -- 3 Environmental Monitoring and Control -- 4 Extravehicular Activity Systems -- 5 Space Human Factors -- 6 General Findings and Recommendations -- Acronyms and Abbreviations -- APPENDIX A Statement of Task -- APPENDIX B Memorandum of Understanding Consolidating Human Support Research in the Office of Life and Microgravity Sciences and Applications -- APPENDIX C Subcommittee Members and Meetings -- APPENDIX D Letter Requesting Comments from Industry -- APPENDIX E Analysis of Advanced Life Support Technology Development Projects -- APPENDIX F Biographical Sketches of Committee Members.
Sommario/riassunto	Advanced Technology for Human Support in Space was written in response to a request from NASA's Office of Life and Microgravity Sciences and Applications (OLMSA) to evaluate its Advanced Human

Support Technology Program. This report reviews the four major areas of the program: advanced life support (ALS), environmental monitoring and control (EMC), extravehicular activities (EVA), and space human factors (SHF). The focus of this program is on long-term technology development applicable to future human long-duration space missions, such as for a hypothetical new mission to the Moon or Mars.
