

- Foreword
- Preface
- Contributors
- Technical Advisors and Reviewers
- Chapter 1 Introduction: Human Systems Integration Harold R. Booher
- Part I Organization, Management, Culture
- Chapter 2 Leadership That Achieves Human Systems Integration Charles S. Harris, et al.
- Chapter 3 Human Systems Integration Roles in a Systems Acquisition Culture Glen Hewitt and Dino Piccione
- Chapter 4 Human Systems Integration and Systems Acquisition Interfaces Edwin R. Smootz
- Chapter 5 Human Systems Integration Education and Training Brian M. Kleiner and Harold R. Booher
- Part II Systems Acquisition and Management Processes
- Chapter 6 Human Integration Requirements in Systems Acquisition: United Kingdom Approach John A. Harrison and Melanie Forster
- Chapter 7 Human Systems Integration and Acquisition: Contractor's Perspective Bruce E. Hamilton
- Chapter 8 Human-System Measurements and Tradeoffs in System Design Michael Barnes and David Beevis
- Chapter 9 Simulation Based Acquisition Stephen R. Olson and Andrew P. Sage
- Chapter 10 User Centered Systems Engineering Framework Lee Scott Ehrhart and Andrew P. Sage
- Part III Methods, Tools, and Technologies
- Chapter 11 Manpower, Personnel and Training Integration Methods and tools Susan Archer, et al.
- Chapter 12 Integrating Training into the Design and Operation of Complex Systems Lawrence J. Hettinger
- Chapter 13 Human Factors Engineering Methods and Tools John Lockett and Jeffrey Powers
- Chapter 14 System Safety Principles and Methods Donald W. Swallow, et al.
- Chapter 15 Environmental Health Hazard Analysis and Assessment Welford C. Roberts
- Chapter 16 Personnel Survivability Methodology Richard N. Zigler and Ronald A. Weiss
- Chapter 17 Cost and Benefit Analysis for Human Systems Integration William B. Rouse and Kenneth R. Boff
- Part IV Applications
- Chapter 18 Human Systems Integration in Army Systems Acquisition Harold R. Booher and James Minninger
- Chapter 19 Human Characteristics and Measures in System Design Nita Lewis Miller, et al.
- Chapter 20 Human-Centered Shipboard Systems and Operations Glenn A. Osga
- Chapter 21 Linking Human Performance Principles to the Design of Information Systems Linda G. Pierce and Eduardo Salas

- Chapter 22 Human Systems Integration and Training for New Systems John Klesch and William Stembler
- Chapter 23 Air Traffic Control and Human Factor Integration Anne Mavor and Christopher Wickens
- Chapter 24 Human Systems Integration & New Product Development William B. Rouse
- Afterword
- Appendix
- Index