

NASA Systems Engineering Handbook

NASA Systems Engineering Handbook

The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

NASA. 2007. *Systems Engineering Handbook*, Revision 1. Washington, DC, USA: National Aeronautics and Space Administration (NASA). NASA/SP-2007-6105.

Usage

This source is considered a primary reference for the following articles:

- System Definition
- System Analysis
- System Realization
- System Implementation
- System Integration
- System Verification
- System Deployment
- Planning
- Assessment and Control
- Measurement
- System Validation
- Integrating Supporting Aspects into System Models

Annotation

From the preface: "This handbook consists of six core chapters: (1) systems engineering fundamentals discussion, (2) the NASA program/project life cycles, (3) systems engineering processes to get from a concept to a design, (4) systems engineering processes to get from a design to a final product, (5) crosscutting management

processes in systems engineering, and (6) special topics relative to systems engineering. . . The handbook provides top-level guidelines for good systems engineering practices; it is not intended in any way to be a directive."

Appendix J (SEMP Content Outline) provides guidance for constructing a Systems Engineering Management Plan. The topics in Appendix J can be used as a checklist for constructing a SEMP.

SEBoK v. 2.10, released 06 May 2024

Retrieved from

"https://sandbox.sebokwiki.org/index.php?title=NASA_Systems_Engineering_Handbook&oldid=71222"

This page was last edited on 2 May 2024, at 22:04.