



HSI Body of Knowledge (1 of 3) – 2022 updates

DOD and Functional Policies, Guidance

DoD Directive (DoDD) 5000.01, The Defense Acquisition System (2020)

Department of Defense Directive (DoDD) 1100.4, Guidance for Manpower Management (2005)

DoD Instruction (DoDI) 5000.02, Operation of the Adaptive Acquisition Framework (2020)

~~DoD Instruction (DoDI) 5000.02T, Operation of the Defense Acquisition System (2020) -->~~

- DoD Instruction 5000.95, Human Systems Integration (HSI) in Defense Acquisition (2022)
- DoD Instruction 5000.88, Engineering of Defense Systems (2021)
- DoD Instruction 5000.91, Product Support Management (2021)
- DoD Instruction 5000.89, Test and Evaluation (2020)
- DoD Instruction 5000.73, Cost Analysis Guidance and Procedures (2020)

~~Defense Acquisition Guidebook (DAG) (2018) -->~~ HSI Guidebook (2022)

Office of the Deputy Assistant Secretary of Defense for Systems Engineering Systems Engineering Plan (SEP) Outline V4.0 (2021)

Human Systems Integration (HSI) in the Systems Engineering Plan (SEP) and the Life Cycle Management Plan (LCMP): Technical Report (2010)

Department of Defense Technical Architecture Framework for Information Management, Volume 8: DoD Human Computer Interface Style Guide. Vers. 3 (1996)

United States Department Of Defense Manual for the Operation of the Joint Capabilities Integration and Development System (JCIDS manual) (2021).



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Standards and Handbooks

Society of Automotive Engineers (SAE) Systems Management Standard: SAE 6906 Standard Practice for Human Systems Integration (2019)

MIL-STD 1472H, Human Engineering Design Criteria for Military Systems, Equipment, and Facilities (2020)

MIL-STD-46855A, Human Engineering Requirements for Military Systems, Equipment, and Facilities (2011)

MIL-STD-1474E, Department of Defense Design Criteria Standard: Noise Limits (2015/ Notice 1, 2020)

MIL-STD-882E Department of Defense Standard Practice System Safety (SSPS) (2012)

MIL-HDBK 29612-1A, DoD Handbook Training Part 1: Guidance For Acquisition Of Training Data Products And Services (1999)

MIL-HDBK 29612-2A, DoD Handbook Training Part 2: Instructional Systems Development (1999)

DoD HDBK 743A: Military Handbook - Anthropometry of U.S. Military Personnel (1991)

DID-HSI Program Plan (HSIPP, 2011)

DI-HFAC-81742A, Data Item Description: Human Engineering Program Plan (HEPP) (2012)

DI-HFAC-80746C, Data Item Description: Human Engineering Design Approach Document - Operator (HEDAD-O) (2012; Notice 1, 2017)

DI-HFAC-80747C, Data Item Description: Human Engineering Design Approach Document - Maintainer (HEDAD-M) (2016).

DI-HFAC-80734B, Data Item Description: Human Engineering Test Plan (HETP) (1998)

*Denotes updates



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Service Regulations

Army Regulation (AR) 602-2: Human Systems Integration in the System Acquisition Process (2015)

Army Pamphlet (AP) 602-2, Guide for Human Systems Integration in the Acquisition Process (2018)

United States Air Force Human Systems Integration Handbook (2009)

USAF Human Systems Integration Requirements Pocket Guide (2009)

OPNAVINST 1000.16L Navy Total Force Manpower Policies and Procedures (2015)

OPNAV Instruction (OPNAVINST) 9640.1C, Shipboard Habitability Program (2019)

NAVSEAINST 3900.8A Human Systems Integration (HSI) Policy in Acquisition and Modernization (2005)

NAVSEASYS COM T9640-AC-DSP-010/HAB, Rev.1, Shipboard Habitability Design Criteria and Practices Manual (Surface Ships) for New Ship Designs and Modernization (2016)

Federal Partner references

Federal Aviation Administration (FAA) Human Factors Design Standards (HFDS) HF-STD-001B (2016)

Department of Homeland Security Human Systems Integration (HSI) Best Practice 1: HSI Planning (2012)

NASA/SP-2015-3709 Human Systems Integration (HSI) Practitioner's Guide (2015)

Department of Homeland Security Human Systems Integration (HSI) Best Practice 16: Personnel and Training Requirements (2012)

National Aeronautics and Space Administration (NASA) NASA-STD-3001, NASA Spaceflight Human-System Standard Volume 2: Human Factors, Habitability, and Environmental Health (2019)

Textbooks, Academic

Handbook of Human-Systems Integration (Booher, H. (Ed.), 2003).

Shore et al., Personnel Selection: A Primer from: APA HSI Handbook (2015)

APA Handbook of Human Systems Integration (Boehm-Davis, Durso, and Lee (Eds.), 2015)

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