

Acquisition Program Technical Certifications Summary v1.0 May 2013

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This table identifies a non-exhaustive list of program and system-level technical certifications. This table is referenced in Defense Acquisition Guidebook - Chapter 4.1. Some of the certifications listed are applicable across DoD, whereas others are Service specific. Programs are advised to use the list as a starting point for identifying applicable certification requirements. Program Managers and Systems Engineers should consult ODASD (SE), joint, and Service-specific domain experts to determine other certifications that may be required.

Certification	Source Requirement / Guidance	Title
Air Force Training System and Device Simulator Certification	AFI 36-2251	Management of Air Force Training Systems
Air Transportability Certification	MIL-STD-1366E	Interface Standard for Transportability Criteria
	AFMAN 24-204	Preparing Hazardous Materials For Military Air Shipments
Airworthiness Certification	MIL-HDBK-516	Airworthiness Certification Criteria
	Joint Service Specification Guide (JSSG)-2000	JSSG-2000 Air System
	JSSG-2001	JSSG-2001 Air Vehicle
	JSSG-2005	JSSG-2005 Avionic Subsystem, Main Body
	JSSG-2006	JSSG-2006 Aircraft Structures
	JSSG-2007	JSSG-2007 Engines, Aircraft, Turbine
	JSSG-2008	JSSG-2008 Vehicle Control and Management System (VCMS)
Assessment of Operational Test Readiness (AOTR)	AFPD 62-6	USAF Airworthiness
Assessment of Operational Test Readiness (AOTR)	DoDI 5000.02	Operation of the Defense Acquisition System
Authorization to Operate (ATO)	DoDD 4630.5	Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)
	DoDI 4630.8	Procedures for Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)

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Certification	Source Requirement / Guidance	Title
Command, Control, Communications, Computers, & Intelligence (C4I) Supportability Certification	DoDI 4650.01	Policy and Procedures for Management and Use of the Electromagnetic Spectrum
	DoDI 5000.02	Operation of the Defense Acquisition System
	CJCSI 6212.01F	Net Ready Key Performance Parameter (NR KPP)
	SECNAVINST 5000.2	Department of the Navy Implementation and Operation of the Defense Acquisition System and the Joint Capabilities Integration and Development System
Clinger-Cohen Act (CCA) Compliance Certification	DoDI 5000.02	Operation of the Defense Acquisition System
	Section 8808 of Public Law 107- 248	Department of Defense Appropriation Act, 2003
Risk Management Framework for DoD IT	DoDD 8500.01	Information Assurance (IA)
	DoDI 5000.02	Operation of the Defense Acquisition System
	Section 3502 of Public Law 107-347	E-Government Act of 2002
	NSD-42	National Security Directive - National Policy for the Security of National Security Telecommunications and Information Systems
	CNSSI-1253/CNSSI-1243a	Security Categorization and Control Selection for National Security Systems
	CNSSI-4009	National Information Assurance Glossary
	NIST-SP-800-37	National Institute of Standards and Technology (NIST) - Guide for Applying the Risk Management Framework to Federal Information Systems
	NIST-SP-800-39	National Institute of Standards and Technology (NIST) - Managing Information Security Risk
Full Materiel Release Certification	NIST-SP-800-53	National Institute of Standards and Technology (NIST) - Recommended Security Controls for Federal Information Systems and Organizations
	DA PAM 700-142	Instructions for Materiel Release, Fielding, and Transfer

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Hazards of Electromagnetic Radiation to Ordnance (HERO) Certification	DoDM 6055.09-M	DOD Ammunition and Explosives Safety Standards
	NAVSEAINST 8020.7B	Naval Sea Command instructions (NAVSEAINST) 8020.7b
Identification Friend or Foe (IFF) Equipment Certification	DoD AIMS 04-900	Interface Control Standard for Mode 4/5 Cryptographic Computer
	DoD AIMS 03-1000A	Technical Standard for the ATCRBS/IFF/Mark XIIA Electronic Identification and Military Implementation of Mode S and Classified Addenda 1-4
Independent Logistics Assessment (ILA) and Logistics Certification	SECNAVINST 4105.1B	Independent Logistics Assessment and Certification Requirements
Interim Approval to Operate (IATO) Certification	DoDD 4630.5	Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)
	DoDI 4630.8	Procedures for Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)
	CJCSI 6212.01F	Net Ready Key Performance Parameter (NR KPP)
Insensitive Munitions Certification	DoDD 5000.01	The Defense Acquisition System
	CJCSI 3170	Joint Capabilities Integration and Development System
Joint Interoperability Test Certification	CJCSI 6212.01F	Net Ready Key Performance Parameter (NR KPP)
	AFI 33-108	Compatibility, Interoperability, and Integration of Command, Control, Communications, and Computer (C4) Systems
Joint Military Intelligence Certification	CJCSI 3312.01B	Joint Military Intelligence Requirements Certification
Modeling and Simulation Verification, Validation, and Accreditation	DoDI 5000.61	DoD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)
	Mil-STD 3022	Department of Defense Standard Practice: Document of Verification, Validation and Accreditation (VV&A) for Models and Simulations

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Nonnuclear Munitions Safety Board (NNMSB) Certification	AFI 91-205	Nonnuclear Munitions Safety Board
Oil Pollution Abatement (OPA) Certification	NAVSEAINST 9593.2A	Inspection and Certification Process for Oil Pollution Abatement Systems in U.S. Navy Surface Ships and Craft
Operational Test & Evaluation (OT&E) Readiness Certification	DoDI 5000.02	Operation of the Defense Acquisition System
	DOT&E TEMP Guidebook	Director, Operational Test & Evaluation TEMP Guidebook
	Section 139 of title 10, United States Code	Director of Operational Test and Evaluation
	Section 2399 of title 10, United States Code	Operational test and evaluation of defense acquisition programs
	AFI 99-103	Capabilities-Based Test And Evaluation
	AFMAN 63-119	Certification Of System Readiness For Dedicated Operational Testing
Radio Frequency Radiation (RFR) Hazards (RADHAZ) Certification	DoDI 6055.11	Protecting Personnel from Electromagnetic Fields
	SECNAVINST 5400.15C	Department of the Navy Research and Development, Acquisition, Associated Life-Cycle Management, and Logistics Responsibilities and Accountability
	OPNAVINST 2450.2	Electromagnetic Compatibility Program within the Department of the Navy
	OPNAVINST 4700.8	Trials, Acceptance, Commissioning, Fitting Out, Shakedown, and Post Shakedown Availability of U.S. Naval Ships Undergoing Construction or Conversion
	OPNAVINST 8020.14	Department of the Navy Explosives Safety Policy
	NAVSEAINST 9700.2	Integrated Topside Safety and Certification Program for Surface Ships
Ship Sanitation Control Exemption Certificate (SSCEC)	OPNAVINST 6210.2A	Quarantine Regulations Of The Navy
	BUMEDNOTE 6210	Ship Sanitation Certification Program

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Spectrum Certification Compliance	DoDD 4650.01	Policy and Procedures for Management and Use of the Electromagnetic Spectrum
	Section 305 of title 47, United States Code	United States Code - Government owned stations
	Section 102 – 538 of Public Law	Public Law 102- 538, 104
	Section 901 - 904 of title 47, United States Code	Definitions, findings, policy (901); Establishment; assigned functions (902); Spectrum management activities (903); General administrative provisions (904)
	OMB CIRCULAR NO. A- 11, Part 2	Office of Management & Budget Circular A-11:Preparation & Submission of Budget Estimates
Total Ship Certification	SECNAVINST 5400.15C	Department of the Navy Research and Development, Acquisition, Associated Life-Cycle Management, and Logistics Responsibilities and Accountability
Training Device Certification	AFI 36-2251	Management of Air Force Training Systems
Ultrahigh Frequency (UHF) Satellite Communication (SATCOM) Demand Assigned Multiple Access (DAMA) Certification	CJCSI 6251.01D	Narrowband Satellite Communications Requirements