

# Acquisition Program Technical Certifications Summary

July 2024

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This document lists a non-exhaustive set of program and system-level certifications. Programs should use this list as a starting point for identifying applicable certification requirements. Some of the certifications listed are applicable across DoD, whereas others are Service specific. Program Managers and Systems Engineers should consult joint and Service-specific domain experts to determine whether other certifications may be required.

Certification	Source of Departmental or Interservice Requirement for Certification	Guidance	Standardization Documents	Service	Service/Agency Requirement	Document Title	
Airworthiness Certification	<a href="#">DoDD 5030.61</a>					DoD Airworthiness Policy	
				Air Force	<a href="#">AFPD 62-6</a>	USAF Airworthiness	
				Air Force	<a href="#">AFI 62-601</a>	USAF Airworthiness	
				Air Force	<a href="#">AFI 63-104</a>	The SEEK EAGLE Program	
				Army	<a href="#">AR 70-62</a>	Airworthiness of Aircraft Systems	
				Navy	<a href="#">NAVAIRINST 13034.1</a>	Airworthiness and Cybersecurity Safety Policies for Air Vehicles and Aircraft Systems	
						<a href="#">MIL-HDBK-516</a>	Airworthiness Certification Criteria
			<a href="#">Joint Service Specification Guide (JSSG)-2000</a>				JSSG-2000 Air System
			<a href="#">JSSG-2001</a>				JSSG-2001 Air Vehicle
			<a href="#">JSSG-2005</a>				JSSG-2005 Avionic Subsystem
			<a href="#">JSSG-2006</a>				JSSG-2006 Aircraft Structures
		<a href="#">JSSG-2007</a>				JSSG-2007 Engines, Aircraft, Turbine	
		<a href="#">JSSG-2008</a>				JSSG-2008 Vehicle Control and Management System (VCMS)	
Clinger-Cohen Act (CCA) Compliance Certification	<a href="#">Subtitle III of Title 40 of U.S. Code</a>					Information Technology Management	
Electromagnetic Environmental Effects (E3) Program Certification (e.g., HERO, HERP, HERF)	<a href="#">DoDI 3222.03</a>					DoD Electromagnetic Environmental Effects (E3) Program	
	<a href="#">DoDI 6055.11</a>					Protecting Personnel from Electromagnetic Fields	
				Navy	<a href="#">OPNAVINST 2400.20</a>	Electromagnetic Environmental Effects (E3) and Spectrum Supportability Policy and Procedures	
				Navy	<a href="#">OPNAVINST 4700.8</a>	Trails, Acceptance, Commissioning, Fitting Out, Shakedown, and Post Shakedown Availability of U.S. Naval Ships Undergoing Construction or Conversion	
				Navy	<a href="#">NAVSEAINST 9700.2</a>	Integrated Topside Safety and Certification Program for Surface Ships	
				Air Force	<a href="#">AFI 48-109</a>	Electromagnetic Field Radiation (EMFR) Occupational and Environmental Health Program	
				Air Force	<a href="#">AFI 91-208</a>	Hazards of Electromagnetic Radiation to Ordnance (HERO) Certification and Management	
				Army	<a href="#">AR 5-12</a>	Army Use of the Electromagnetic Spectrum	
						<a href="#">MIL-STD-461</a>	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
						<a href="#">MIL-STD-464</a>	Electromagnetic Environmental Effects Requirements for Systems
					<a href="#">MIL-HDBK-235-1</a>	Military Operational Electromagnetic Environment Profiles Part 1C General Guidance	

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			<a href="#">MIL-HDBK-237</a>			Electromagnetic Environmental Effects and Spectrum Supportability Guidance for the Acquisition Process
			<a href="#">MIL-HDBK-240</a>			Hazards of Electromagnetic Radiation to Ordnance Test Guide
	<a href="#">Section 4321 of Title 42, USC</a>					National Environmental Policy Act (NEPA)
	<a href="#">Executive Order (EO) 12114</a>					Environmental Effects Abroad of Major Federal Actions
	<a href="#">DoDD 6055.09</a>					Explosives Safety Management (ESM)
Environment, Safety, and Occupational Health (ESOH)	<a href="#">DoDM 6055.09, Volume 1</a>					DoD Ammunition and Explosives Safety Standards: General Explosives Safety Information and Requirements
			<a href="#">MIL-STD-882</a>			Standard Practice System Safety
		<a href="#">NAS 411</a>		NonGovernment Standard		Hazardous Materials Management Program
		<a href="#">NAS 411-1</a>		NonGovernment Standard		Hazardous Materials Target List
				Navy	<a href="#">NAVSEAINST 9310.1</a>	Naval Lithium Battery Safety Program
				Army	<a href="#">AR 200-1</a>	Environmental Protection and Enhancement
				Army	<a href="#">AR 40-10</a>	Health Hazard Assessment Program in Support of the Army Acquisition Process
				Army	<a href="#">AR 385-10</a>	The Army Safety Program
Independent Logistics Assessment (ILA) and Logistics Certification				Navy	<a href="#">SECNAVINST 4105.1</a>	Independent Logistics Assessment and Certification Requirements
				Army	<a href="#">DA PAM 700-28</a>	Independent Logistics Assessments
				Air Force	<a href="#">AFI 63-101/20-101</a>	Integrated Life Cycle Management
Intelligence Certification	<a href="#">CJCSI 5123.01</a>					Charter of the Joint Requirements Oversight Council (JROC)
Interoperability Certification	<a href="#">DoDI 8330.01</a>					Interoperability of Information Technology (IT), including National Security Systems (NSS)
	<a href="#">DoDI 2010.06</a>					Materiel Interoperability and Standardization with Allies and Coalition Partners
	<a href="#">JCIDS Manual</a>					Manual for the Operation of the Joint Capabilities Integration and Development System (JCIDS)
		<a href="#">Defense Information Systems Agency (DISA) Joint Interoperability Test Command (JITC)</a>				JITC Operational Test and Evaluation Guidebook
Modeling and Simulation Verification, Validation, and Accreditation	<a href="#">DoDI 5000.61</a>					DoD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)
			<a href="#">MIL-STD 3022</a>			Documentation of Verification, Validation and Accreditation (VV&A) for Models and Simulations

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Nuclear Weapons Safety Certification	<a href="#">DoDM 3150.02</a>					DoD Nuclear Weapon System Safety Program Manual
				Air Force	<a href="#">AFI 63-125</a>	Nuclear Certification Program
				Air Force	<a href="#">AFI 91-103</a>	Air Force Nuclear Safety Design Certification Program
Oil Pollution Abatement (OPA) Certification				Navy	<a href="#">NAVSEAINST 9593.2</a>	Inspection and Certification Process for Oil Pollution Abatement Systems in U.S. Navy Surface Ships and Craft
Operational Test & Evaluation (OT&E) Certification	<a href="#">Section 139 of Title 10, USC</a>					Director of Operational Test and Evaluation
	<a href="#">Section 2399 of Title 10, USC</a>					Operational Test and Evaluation of Defense Acquisition Programs
				Army	<a href="#">AR 73-1</a>	Test and Evaluation Policy
				Air Force	<a href="#">AFI 99-103</a>	Capabilities-Based Test and Evaluation
				Air Force	<a href="#">AFMAN 63-119</a>	Certification of System Readiness for Dedicated Operational Testing
				Navy	<a href="#">SECNAVINST 5000.2</a>	Department of the Navy Implementation and Operation of the Defense Acquisition System and the Joint Capabilities Integration and Development System
Orbital Debris Certification	<a href="#">DoDI 3100.12</a>					Space Support
				Air Force	<a href="#">AFI 91-217</a>	Space Safety and Mishap Prevention Program
Ship Sanitation Control Exemption Certificate (SSCEC)				Navy	<a href="#">BUMEDINST 6210.4</a>	Ship Sanitation Certification Program
				Navy	<a href="#">OPNAVINST 6210.2</a>	Quarantine Regulations of the Navy
Spectrum Certification Compliance	<a href="#">Section 305 of Title 47, USC</a>					Government Owned Stations
	<a href="#">Sections 901 - 904 of Title 47, USC</a>					Definitions, findings, policy (901); Establishment, assigned functions (902); Spectrum management activities (903); General administrative provisions (904)
	<a href="#">DoDI 4650.01</a>					Policy and Procedures for Management and Use of the Electromagnetic Spectrum
		<a href="#">OMB CIRCULAR NO. A-11, Part 2, Section 31.12 (c)</a>				Office of Management & Budget Circular A-11: Part 2, Section 31.12 (c) Preparation & Submission of Budget Estimates
		<a href="#">National Telecommunications and Information Administration (NTIA)</a>				Manual of Regulations and Procedures for Federal Radio Frequency Management (Redbook)
Total Ship Certification				Navy	<a href="#">SECNAVINST 5400.15</a>	Department of the Navy Research and Development, Acquisition, Associated Life-Cycle Management, and Logistics Responsibilities and Accountability
Transportability Certification	<a href="#">DoDI 4540.07</a>					Operation of the DoD Engineering for Transportability and Deployability Program
	<a href="#">AFMAN 24-204 IP</a>			Interservice		Preparing Hazardous Materials for Military Air Shipments
				Army	<a href="#">AR 70-47</a>	Engineering for Transportability Program

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			<a href="#">MIL-STD-1366</a>			Interface Standard for Transportability Criteria	
Ultrahigh Frequency (UHF) Satellite Communication (SATCOM) Demand Assigned Multiple Access (DAMA) Certification	<a href="#">CJCSI 6251.01</a>					Narrowband Satellite Communications Requirements	
Weapon and Laser Systems Safety Certification	<a href="#">DoDD 6055.09</a>					Explosives Safety Management (ESM)	
	<a href="#">DoD 6055.9-M, Volume 1</a>					DoD Ammunition and Explosives Safety Standards: General Explosives Safety Information and Requirements	
	<a href="#">DoDI 5000.69</a>					DoD Joint Services Weapon and Laser System Safety Review Processes	
	<a href="#">DoDI 6055.15</a>					DoD Laser Protection Program	
					Army	<a href="#">AR 385-10</a>	The Army Safety Program
					Army	<a href="#">AR 700-142</a>	Type Classification, Materiel Release, Fielding and Transfer
					Air Force	<a href="#">AFI 91-205</a>	Non-Nuclear Munitions Safety Board
					Air Force	<a href="#">AFI 48-139</a>	Laser and Optical Radiation Protection Program
					Air Force	<a href="#">AFI 91-401</a>	Directed Energy Weapons Safety
					Navy	<a href="#">OPNAVINST 5100.27/MCO 5104.1</a>	Navy Laser Hazards Control Program
					Navy	<a href="#">NAVSEAINST 8010.5</a>	Insensitive Munitions Program Planning and Execution (Navy Marine Corp Intranet - NMCI Access only)
					Navy	<a href="#">NAVSEAINST 8020.06</a>	Navy Weapon System Safety Program (Navy Marine Corp Intranet - NMCI Access only)
					Marine Corp	<a href="#">MCO 8020.10</a>	Marine Corps Explosive Safety Management Program (Navy Marine Corp Intranet - NMCI Access only)