

**BY ORDER OF THE
SECRETARY OF THE AIR FORCE**

AIR FORCE POLICY DIRECTIVE 60-1

19 MARCH 2019



Standardization

**AIR FORCE STANDARDIZATION
PROGRAM**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-Publishing website at www.e-Publishing.af.mil for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: SAF/AQRE

Certified by: SAF/AQ
(William B. Roper, Jr.)

Supersedes: AFPD60-1,
29 September 2014

Pages: 5

This directive implements Department of Defense Instruction (DoDI) 4120.24, *Defense Standardization Program (DSP)*, and Chairman Joint Chiefs of Staff Instruction (CJCSI) 2700.01F, *Rationalization, Standardization, and Interoperability (RSI) Activities*. It establishes Air Force policy to achieve materiel standardization. It applies to all Air Force organizations including the Air National Guard and Air Force Reserve Command. Any change or waiver must be approved by the Secretary of the Air Force. Waiver requests shall contain compelling justification and must be submitted formally through SAF/AQR. Refer recommended changes and questions about this publication to the office of primary responsibility using the AF Form 847, *Recommendation for Change of Publication*; route AF Form 847 from the field through the appropriate functional chain of command. Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule located in the Air Force Records Information Management System.

SUMMARY OF CHANGES

This document has been revised to remove acronyms and to change the responsibility for the Item Reduction Program from major commands and field operating agencies to the Deputy Chief of Staff for Logistics, Engineering, and Force Protection (AF/A4). This revision also clarifies the scope of the Defense Standardization Program and Department of Defense policy for using and developing non-government standards.

1. Overview: The Secretary of Defense, in compliance with DoDI 4120.24 and related statutory requirements, established a single integrated defense standardization program to achieve the most efficient use of resources and efficient participation in combat, contingency and exercise operations with United States (US) military services and allies. The program provides uniform processes for developing and deploying standards to enable application of emerging technology and meet operational user and program management needs. The defense standardization program:

- 1.1. Develops and maintains standardization documents.
- 1.2. Defines standardization requirements.
- 1.3. Documents standardization decisions.
- 1.4. Provides standardization knowledge through information technology tools.
- 1.5. Provides parts management and item reduction in support of integrated life cycle management.
- 1.6. The Secretary of the Air Force, in compliance with DoD policy and procedures, designates a Component Standardization Executive and establishes a Departmental Standardization Office to manage assigned portions of the defense standardization program and Air Force standardization program. The Air Force works with the Office of the Secretary of Defense, other military departments and agencies, non-government standards development organizations, and international military standard organizations to implement an integrated standardization process.
- 1.7. The Air Force standardization program implements the defense standardization program, and international military standardization activities outlined in DoDI 2010.06, *Material Interoperability and Standardization with Allies and Coalition Partners* and CJCSI 2700.01F.
- 1.8. Standardization is an enabling strategy to help achieve materiel and operational interoperability, reduce system life cycle cost, logistics footprint, and procurement cycle time. Standards provide a basis for warfighters to identify and assess military capability needs for solutions during capability-based requirements development. Use of appropriate standards in acquisition and sustainment programs enables the program manager to establish clear expectations with industry. Standards also provide the warfighter and combat support units with materiel that is compatible, interoperable, and interchangeable.

2. Policy. The Air Force will work with the Office of the Secretary of Defense, other military departments and agencies, non-government standards development organizations, and international military standardization organizations to implement an integrated standardization process and achieve the following objectives:

- 2.1. Improve military operational readiness.
 - 2.1.1. Achieve interoperability of systems, subsystems, and equipment among the military departments and with our allies and other friendly nations.
 - 2.1.2. Develop, ratify, and implement operational international standardization agreements based on joint doctrine.

- 2.1.3. Develop, ratify, and implement materiel international standardization agreements based on defense standardization program policy.
- 2.1.4. Improve logistics support and reduce logistics footprint by reducing the variety of supply items.
- 2.1.5. Improve the reliability, maintainability, and safety of systems and supply items.
- 2.1.6. Modernize existing systems, subsystems, and equipment through enabling insertion of new technology and parts.
- 2.2. Reduce total ownership costs.
 - 2.2.1. Reduce the number of nonstandard parts.
 - 2.2.2. Facilitate competition.
 - 2.2.3. Promote the use of common processes and open systems.
 - 2.2.4. Promote standard commercial processes and practices to help harmonize national military and civilian standardization needs, facilitate the development and use of voluntary consensus standards, and achieve global operational objectives.
 - 2.2.5. Use non-government standards and defense standardization program specifications and standards mandated by public law or regulation for the acquisition and sustainment of weapon systems. Except for documents required by law or international treaty, it is the Department of Defense policy to first consider using an existing non-government standard or support revising or developing a non-government standard to meet the Department of Defense needs.
 - 2.2.6. Reduce training costs.
- 2.3. Reduce procurement cycle time.
 - 2.3.1. Use off-the-shelf and previously qualified standard items.
 - 2.3.2. Use open systems and standard interfaces to permit rapid introduction of new technologies.

3. Roles and Responsibilities.

- 3.1. **Assistant Secretary of the Air Force for Acquisition, Technology and Logistics (SAF/AQ).**
 - 3.1.1. The Deputy Assistant Secretary of the Air Force for Science, Technology and Engineering (SAF/AQR) serves as the Air Force Standardization Executive as described in DoDI 4120.24 and is responsible for implementing the defense standardization program.
 - 3.1.2. Collaborates with the Deputy Chief of Staff, Strategy, Integration and Requirements (AF/A5) on execution of the International Military Standardization Program for materiel standardization.
 - 3.1.3. Ensures acquisition and sustainment programs consider standardization requirements.

3.2. Deputy Under Secretary of the Air Force, International Affairs (SAF/IA) manages the US Air Force International Armaments Cooperation Program. It applies to international requirements harmonization, research, development, test, evaluation, acquisition, production, and support of weapons and weapons-related technology in accordance with AFPD 16-1, *Security Cooperation*.

3.3. Deputy Chief Information Officer (DCIO).

3.3.1. Manages the development, designation, and approval of the AF enterprise architecture consisting of information technology and national security system standards, profiles and preferred products for use in planning and acquiring information technology/national security system capabilities in accordance with AFPD 17-1, *Information Dominance Governance and Management* and AFPD 17-2, *Cyberspace Operations*.

3.3.2. Serves as the Air Force representative to the Military Communications Electronic Board. In this capacity, assists in the development of changes to joint and allied principles, technical standards, and procedures for obtaining interoperability, compatibility, and standardization of command, control, communications, and computer equipment, including communications-electronics International Standardization Agreements of the North Atlantic Treaty Organization.

3.3.3. With the exception of intelligence-related systems and standards and in coordination with SAF/AQ, establishes and maintains the technical standards, protocols, technical guidelines, reference architecture, and implementation constraints for the desired future state of the Air Force and Department of Defense Information Network infrastructure and services, in accordance with AFPD 17-1, *Information Dominance Governance and Management* and AFPD 17-2, *Cyberspace Operations*.

3.4. Deputy Chief of Staff, Strategy, Integration and Requirements (AF/A5) is responsible for the Air Force international military standardization program and the management of operational capability requirements.

3.5. Deputy Chief of Staff for Logistics, Engineering and Force Protection (AF/A4) ensures materiel standardization as described in the Defense Standardization Program Office Standardization Directory 23 (SD-23), *Department of Defense Item Reduction Program*, are addressed in departmental logistics guidance and processes, and provides resources to execute the item reduction activity.

3.6. Designated Major Command and Field Operating Agency commanders will support the execution of the defense standardization program and the international military standardization program responsibilities. Subordinate major command organizations and field operating agencies with assigned responsibilities will designate an organizational Standardization Management Executive as appropriate. Detailed responsibilities are defined in implementing directive publications.

HEATHER WILSON
Secretary of the Air Force

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

DoDI 4120.24, Change 2, *Defense Standardization Program (DSP)*, 15 October 2018

DoDI 2010.06, Change 1, *Materiel Interoperability and Standardization with Allies and Coalition Partners*, 31 August 2018

CJCSI 2700.01F, *Rationalization, Standardization, and Interoperability (RSI) Activities*, 18 March 2015

AFMAN 33-363, *Management of Records*, 01 March 2008

AFPD 16-1, *Security Cooperation*, 12 November 2015

AFPD 17-1, *Information Dominance Governance and Management*, 12 April 2016

AFPD 17-2, *Cyberspace Operations*, 12 April 2016

Defense Standardization Program Office Standardization Directory 23 (SD-23), *Department of Defense Item Reduction Program*, 05 January 2007

DoDD 8000.01 Change 1, *Management of the Department of Defense Information Enterprise (DoD IE)*, 27 July 2017

Title 44, United States Code, *Public Printing and Documents*, 03 January 2016

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

Terms

Implementation—The fulfillment by a nation's Department of Defense or Ministry of Defense of its obligations under an International Standardization Agreement. (DoDM 4120.24)

Information Technology—Defined in Part II, DoDD 8000.01

International Military Standardization—A program to enable the air forces of the United States, its allies and other friendly coalition nations to operate together in the most effective manner; achieved through the closest practical cooperation among these military forces, the efficient use of resources, and the reduction of operational, logistical, technical, and procedural obstacles.

International Standardization Agreement—The record of an agreement among several or all of the member nations of a multi-national treaty organization to standardize on materiel and non-materiel areas.

National Security System—Defined in Title 44, United States Code, Section 3552 (b)(6)(A)