

U.S. DoD Insensitive Munitions Program



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Key DoD IM Program Points



? IM Addresses the Joint Warfighting Need

? IM is the Law

? IM is required for DoD Acquisitions

? IM-compliant inventory is stated DoD objective

? IM is a requirement of our NATO Allies and other countries

? IM not only improves safety but also has significant operational benefits

? IM Saves Lives and Material

United States IM Law



United States Code, Title 10, Chapter 141, Section 2389.

§ 2389. Ensuring safety regarding insensitive munitions. The Secretary of Defense shall ensure, to the extent practicable, that munitions under development or procurement are safe throughout development and fielding when subjected to unplanned stimuli.

DOD DIRECTIVE 5000.1 JAN 2003



3.18. Safety. Safety shall be addressed throughout the acquisition process. Safety encompasses human (includes human / system interfaces), toxic / hazardous materials and substances, production / manufacturing, testing, facilities, logistical support, weapons, and munitions / explosives. All systems containing energetics shall comply with insensitive munitions criteria.

CJCS INSTRUCTION 3170.01C



The **Draft CJCSI 3170.01C (January 20, 2003)**, Joint Capabilities Integration and Development System (JCIDS), cites Insensitive Munitions (IM) in three locations.

1. **Enclosure A. Joint Capabilities Integration and Development System Process.** Page A-22, Paragraph 10.c.(3) (b) and (c) under J-4 responsibilities. States **IM requirement regardless of ACAT, CDDs and CPDs certification, specific IM statement in CDDs and CPDs, and need for approved IM Waiver by JROC if not IM compliant.**
2. **Appendix A, Enclosure D. Capability Development Document (CDD).** Page D-A-5, Paragraph 13. Addresses system characteristics and specifically states “unplanned stimuli (such as fast cook-off, bullet impact, and sympathetic detonation)”.
3. **Appendix A, Enclosure E. Capability Production Document (CPD).** Page E-A-5, Paragraph 13. Addresses system characteristics and specifically states “unplanned stimuli (such as fast cook-off, bullet impact, and sympathetic detonation)”.

CJCS INSTRUCTION 3170.01C



Draft CJCSI 3170.01C (January 20, 2003), Enclosure A. Page A-22,
Paragraph 10.c.(3) Director, J-4, Joint Staff.

(b) Insensitive Munitions. J-4 will certify that all CDDs and CPDs for munitions, regardless of ACAT level, contain the requirement to conform with insensitive munitions (unplanned stimuli) criteria. As a minimum, these CDDs and CPDs will contain the statement “Munitions used in this system will be designed to resist insensitive munitions threats (unplanned stimuli).”

(c) Insensitive Munitions Waiver Requests. Insensitive munitions and cross-Service interoperability waiver requests require approval by the JROC. *Insensitive munitions waiver requests shall include Military Service or Agency approved Insensitive Munitions Plan Of Action and Milestones to identify how future buys of same or future system variants will achieve incremental and full compliance.* Waiver requests will be submitted to J-4 for review and then forwarded to the JROC secretariat for JROC consideration.

USD(AT&L) IM POLICY



USD(AT&L) Memorandum of January 26, 1999, Subject: “Exemption for Existing Inventory Items to Insensitive Munitions (IM) Requirements”, created three categories of munitions. Note: By now (Year 2003), almost all are Category I.

Category I. All new munitions or munitions produced on production contracts signed after January 26, 1999, shall be fully IM-compliant or have an approved IM waiver.

Category II. Munitions that are produced on production contracts signed on or before January 26, 1999, the “Services should look for every feasible window of opportunity to insert IM technology into weapons continuing in production”, which includes exercising production contract options, modification programs, or engineering change proposals.

Category III. Munitions that have been produced (in the inventory, awaiting acceptance) on or before January 26, 1999, are exempt from satisfying IM requirements. Exemption is based solely on criterion of munitions items’ state of production (whether they were physically produced); no exemption is provided based on the use of existing National Stock Number or Technical Drawing / Documentation / Data Package. Also, “the aforementioned exemption is not transferable to new or modified munitions that use components, groups, sections, or subsystems from exempted munitions”. The new / modified munitions and the parts are not exempt.