

Below is a list of major changes in the DoDI 5000.2 instruction and the DoD 5000.2-R regulation. There are other minor fixes and clarifications along with several additions to the acronym tables.

The below table is organized by the order in which the change first appears in the respective documents.

DoDI 5000.2

- Contractors should not normally use profits to subsidize defense R&D. The exception is for those specific situations that are designed for government and industry cooperation and cost sharing. (See DoDI 5000.2, paragraph 4.7.1.5.) (see also DoD 5000.2-R C2.9.1.4.4.2)
- Clarifies that a validated Operational Requirements Document (ORD) is required when Program Initiation occurs at Component Advanced Development DR. (See DoDI 5000.2, ENCLOSURE 3 E3.T2. Table 2. Regulatory Information Requirements)
- System threat assessment-changed in the Instruction table from "N/A for AIS" to "as required for AIS" (See DoDI 5000.2 E3. ENCLOSURE 3 E3.T2. Table 2. Regulatory Information Requirements)

DoD 5000.2-R

- The acquisition strategy limits anti-tamper validation budget to \$10 million and the time for the validation to three years. (See DoD 5000.2-R, paragraph C.2.7.4)
- There is increased wording in the acquisition strategy for information assurance measures. (See DoD 5000.2-R, paragraph C2.7.5)
- Performance based logistics (PBL) is the preferred approach for product support in the acquisition strategy. (See DoD 5000.2-R, paragraph C.2.8.3)
- The PM is designated as the Total Life Cycle System Manager. (See DoD 5000.2-R, paragraph C2.8.3.1)
- Product support planning in the acquisition strategy shall implement prognostic maintenance health monitoring. (See DoD 5000.2-R, paragraph C2.8.3.1.6)
- There is a new paragraph and whole new appendix on Acquisition and Cross Servicing Agreements. (See DoD 5000.2-R, paragraph C2.8.4.4 and Appendix 8)
- Contractors should not use profits to subsidize defense R&D. The exception is for those specific situations that are designed for government and industry cost sharing. (See DoD 5000.2-R , paragraph C2.9.1.4.4.2 and DoDI 5000.2 4.7.1.5)

- The acquisition strategy should not include RDT&E cost ceilings which have the effect of converting R&D cost contracts into fixed price contracts. (See DoD 5000.2-R, paragraph C2.9.3.2)
- Test data should be quickly released to those DoD organizations and other contractors that have a need to know. (See DoD 5000.2-R, paragraph C3.6.4)
- Clarifies that the manpower estimate for ACAT I programs is required at MS B. (See DoD 5000.2-R, paragraph C4.5.1.4.)
- Adds additional words directing interchangeability, adaptability, and functional cohesiveness of the elements derived during the systems engineering functional allocation process. (See DoD 5000.2-R, paragraph C5.2.3.2)
- Includes new language for independent expert review of software-intensive programs including, the review is required for ACAT ID & IC programs, and shall be considered for lower ACAT programs. The review is to be carried out between milestone B and the Critical Design Review and the results are to be reported to the PM. (See DoD 5000.2-R, paragraph C5.2.3.5.6.3)
- The acquisition support strategy shall summarize the Programmatic Environment, Safety, and Occupational Health Evaluation (PESHE). The PESHE shall provide a completion schedule for NEPA and E.O. 12114 compliance. (See DoD 5000.2-R, paragraph C5.2.3.5.10)
- Includes new words about designing the system to survive Nuclear, Biological and Chemical (NBC) contamination and High Altitude Electromagnetic Pulse (HEMP) under systems engineering in program design. (See DoD 5000.2-R, paragraph C5.2.3.5.12.2)
- Includes a lot of new text about international cooperative program management, including direction that PMs establish international agreements before implementing international cooperative programs. (See DoD 5000.2-R, paragraph C7.11 and Appendix 9)
- Changes the list of possible OSD OIPT leaders and TEMP approval authorities for ACAT I, ACAT IAM, and programs designated for DOT&E oversight. The Principal Director, Command, Control, Communications, Intelligence, Surveillance, and Reconnaissance & Space is added along with the Deputy DoD CIO or designee (for ACAT IAM programs). The director of Program Analysis and Integration is deleted along with the director Information Technology Acquisition and Investment. (See DoD 5000.2-R Appendix 2, paragraph AP 2.2.5)
- Appendix 3, Live Fire Testing, adds recoverability to the definition of survivability. (See DoD 5000.2-R Appendix 3 AP3.2)
- Appendix 6 expands the description of technology readiness levels and provides definitions of some of the terms used to describe technology readiness levels. (See DoD 5000.2-R Appendix 6)
- New Appendix 9 adds mandatory procedures for OUSD(AT&L) related international agreements. (See DoD 5000.2-R Appendix 9)

