SUBJECT: Operation of the Defense Acquisition System

References: See References

1. PURPOSE. This instruction:
   
a. In accordance with the authority in DoD Directive (DoDD) 5000.01 (Reference (a)) and DoDD 5135.02 (Reference (cm)), establishes policy for the management of all acquisition programs in accordance with Reference (a), the guidelines of Office of Management and Budget Circular A-11 (Reference (c)), and References (d) through (cw).

   b. Authorizes Milestone Decision Authorities (MDAs) to tailor the regulatory requirements and acquisition procedures in this instruction to more efficiently achieve program objectives, consistent with statutory requirements and Reference (a).

   c. Assigns, reinforces, and prescribes procedures for acquisition responsibilities related to cybersecurity in the Defense Acquisition System.

   d. Incorporates and cancels Directive-type Memorandum 17-001 (Reference (cl)).

2. APPLICABILITY. This instruction applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this instruction as the “DoD Components”).

3. TRANSITION PLAN. DoD Instruction (DoDI) 5000.02 (Reference (b)) lays the groundwork for operation of the Adaptive Acquisition Framework, which is part of the Defense Acquisition System described in DoDD 5000.01. DoDI 5000.02 will eventually cancel this issuance, which has been renumbered DoDI 5000.02T (Transition) to establish a distinction between the two issuances.
a. This issuance will remain in effect, with content removed as it is cancelled or transitions to a new issuance, as shown in Table 1. When the Adaptive Acquisition Framework realignment is complete, an administrative change to DoDI 5000.02 will cancel this issuance.

b. Each new or reissued acquisition policy document listed in Table 1 will clearly state the content from this issuance it incorporates and cancels.

c. After each issuance’s publication, this issuance will be administratively updated to remove the cancelled material and the Summary of Changes will state the title and number of the issuance replacing it.

d. Those parts of this issuance that are cancelled without replacement will be formally coordinated in accordance with DoDI 5025.01 (Reference (ez)) and their cancellation similarly documented.

Table 1. Relationship of DoDI 5000.02T and New Policy

<table>
<thead>
<tr>
<th>DoDI 5000.02T, Operation of the Defense Acquisition System</th>
<th>Associated New Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Acquisition Policy (Paragraph 6, Procedures)</td>
<td>DoDI 5000.85, “Major Capability Acquisition”</td>
</tr>
</tbody>
</table>
| Enclosure 1. Acquisition Program Categories and Compliance Requirements -- Information Requirements Tables | • DoDI 5000.85, “Major Capability Acquisition”  
  • Tables “authorized by DoDI 5000.85…” will be posted on the Adaptive Acquisition Framework website |
| Enclosure 2. Program Management                           | • DoDI 5000.85, “Major Capability Acquisition”  
  • DoDI 5010.44, “Intellectual Property,” October 16, 2019 has replaced “IP Strategy” (formerly Para 6.a.(4)) |
| • Enclosure 4. Developmental Test and Evaluation (DT&E)   | DoDI 5000.89, “Test and Evaluation (T&E)” |
| • Enclosure 5. Operational and Live Fire Test and Evaluation (OT&E and LFT&E) | DoDI 5000.85, “Major Capability Acquisition” |
| Enclosure 6. Life-Cycle Sustainment                     | DoDI 5000.95, “Human Systems Integration in Defense Acquisition” |
| Enclosure 7. Human Systems Integration (HIS)             | Replaced by direction in §807 of Public Law 114-328 |
| Enclosure 8. Affordability Analysis and Investment Constraints | |

Change 11, 04/07/2022
Table 1. Relationship of DoDI 5000.02T and New Policy, Continued

<table>
<thead>
<tr>
<th>DoDI 5000.02T, Operation of the Defense Acquisition System</th>
<th>Associated New Policy (Issuances with Lettered Extensions in Development)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure 9. Analysis of Alternatives (AoA)</td>
<td>Necessary information is in DoDD 5105.84, “Director of Cost Assessment and Program Evaluation,” and the Defense Acquisition Guidance.</td>
</tr>
<tr>
<td>Enclosure 11. Requirements Applicable to All Programs Containing Information Technology (IT)</td>
<td>DoDI 5000.82, “Acquisition of Information Technology (IT)”</td>
</tr>
<tr>
<td>Enclosure 12. Urgent Capability Acquisition</td>
<td>DoDI 5000.81, “Urgent Capability Acquisition”</td>
</tr>
</tbody>
</table>
• DoDI 5000.90, “Cybersecurity for Acquisition Decision Authorities and Program Managers” |

4. **POLICY.** The overarching management principles and mandatory policies that govern the Defense Acquisition System are described in Reference (a). This instruction and the associated new policy listed in Table 1 provide the detailed procedures that guide the operation of the system.

5. **RESPONSIBILITIES**

a. **Defense Acquisition Executive (DAE).** The DAE is the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)). The DAE will act as the MDA for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) programs. In accordance with DoDI 5000.85 (Reference (dc)), the DAE may delegate authority to act as the MDA to the head of a DoD Component, who may further delegate the authority to the Component Acquisition Executive (CAE). The DAE may also delegate MDA authority to another OSD official as the DAE considers appropriate.

b. **MDA.** The MDA will establish procedures for assigned programs using this instruction as guidance. MDAs should limit mandatory procedures applicable to all assigned programs so as to not exceed the requirements for MDAPs or MAIS programs and other acquisition programs governed by this instruction or DoDD 5000.01 (Reference (a)). MDAs should tailor regulatory procedures in the document consistent with sound business practice and the risks associated with the product being acquired.

c. **Heads of the DoD Components.** The DoD Component Head will implement the procedures in this instruction and Reference (a). Component-required procedures will not
exceed those specified in this instruction. When necessary, waivers or requests for exceptions to the provisions of this instruction will be submitted to the DAE, the DoD Chief Information Officer (DoD CIO), the Director, Operational Test and Evaluation (DOT&E), or the Director, Cost Assessment and Program Evaluation (DCAPE), via the CAE. Statutory requirements cannot be waived unless the statute permits.

d. **Secretaries of the Military Departments.** In addition to the responsibilities described in paragraph 5.c., the Secretary of the Military Department acquiring an MDAP will represent the customer (i.e., the DoD Component(s) fielding the system). The Secretary concerned, in coordination with the Chief of the Military Service fielding the system, will balance resources against priorities and ensure appropriate trade-offs are made among cost, schedule, technical feasibility, and performance throughout the life of the program.

e. **Chiefs of the Military Services.** The Chiefs of the Military Services fielding MDAPs will represent the customer and, with the Secretary of the Military Department acquiring the MDAP, balance resources against priorities and ensure that appropriate trade-offs are made among cost, schedule, technical feasibility, and performance throughout the life of the program. The Chief concerned will advise the MDA on trade-offs before Milestones A and B. As part of the MDA’s Written Determination before Milestone A and Certification and Determination before Milestone B (these milestone information requirements are detailed in Reference (dc)), the MDA must determine that the Chief and the Secretary concur with the cost, schedule, technical feasibility, and performance trade-offs that have been made.

6. **PROCEDURES.** This section was removed through formal coordination and approval of Reference (dc); necessary information can be found in that issuance.

7. **RELEASABILITY.** Cleared for public release. This instruction is available on the Directives Division Website at https://www.esd.whs.mil/DD/.

8. **SUMMARY OF CHANGE 11.** This change removes Enclosure 7, which has been incorporated and cancelled by DoDI 5000.95 (Reference (di)).

9. **EFFECTIVE DATE.** This instruction is effective January 7, 2015.

Frank Kendall
Under Secretary of Defense for Acquisition, Technology, and Logistics

J. Michael Gilmore
Director, Operational Test and Evaluation

Terry Halvorsen
Acting DoD Chief Information Officer

Change 11, 04/07/2022 4
References

Enclosures
1. Acquisition Program Categories and Compliance Requirements
2. Program Management
3. Systems Engineering
4. Developmental Test and Evaluation (DT&E)
5. Operational and Live Fire Test and Evaluation (OT&E and LFT&E)
6. Life-Cycle Sustainment
7. Human Systems Integration (HSI)
8. Affordability Analysis and Investment Constraints
9. Analysis of Alternatives (AoA)
10. Cost Estimating and Reporting
11. Requirements Applicable to All Programs Containing Information Technology (IT)
12. Urgent Capability Acquisition
13. Cybersecurity in the Defense Acquisition System

Glossary
# TABLE OF CONTENTS

- PURPOSE ....................................................................................................................................... 1
- APPLICABILITY ........................................................................................................................... 1
- TRANSITION PLAN ..................................................................................................................... 1
- POLICY .......................................................................................................................................... 3
- RESPONSIBILITIES ..................................................................................................................... 3
  - Defense Acquisition Executive (DAE) ......................................................................................3
  - MDA ..........................................................................................................................................3
  - Heads of the DoD Components .................................................................................................4
  - Secretaries of the Military Departments ....................................................................................4
  - Chiefs of the Military Services ..................................................................................................4
- PROCEDURES............................................................................................................................... 4
- RELEASABILITY ......................................................................................................................... 4
- SUMMARY OF CHANGE 10 ....................................................................................................... 4
- EFFECTIVE DATE......................................................................................................................... 5

- REFERENCES ............................................................................................................................... 8

- ENCLOSURE 1: ACQUISITION PROGRAM CATEGORIES AND COMPLIANCE REQUIREMENTS ....................................................................................................................................... 13
- ENCLOSURE 2: PROGRAM MANAGEMENT ........................................................................ 14
- ENCLOSURE 3: SYSTEMS ENGINEERING ............................................................................ 15
- ENCLOSURE 4: DEVELOPMENTAL TEST AND EVALUATION (DT&E) ......................... 16
- ENCLOSURE 5: OPERATIONAL AND LIVE FIRE TEST AND EVALUATION ................. 17
- ENCLOSURE 6: LIFE-CYCLE SUSTAINMENT ...................................................................... 18
- ENCLOSURE 7: HUMAN SYSTEMS INTEGRATION (HSI).................................................. 19
  - PURPOSE ............................................................................................................................... 19
  - GENERAL .............................................................................................................................. 19
  - HSI PLANNING .................................................................................................................... 19
    - Human Factors Engineering .............................................................................................. 19
    - Personnel .......................................................................................................................... 19
    - Habitability ....................................................................................................................... 19
    - Manpower ........................................................................................................................ 20
    - Training .............................................................................................................................. 20
    - Safety and Occupational Health ....................................................................................... 20
    - Force Protection and Survivability .................................................................................... 20
<table>
<thead>
<tr>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENCLOSURE 8: AFFORDABILITY ANALYSIS AND INVESTMENT CONSTRAINTS ..........</td>
</tr>
<tr>
<td>ENCLOSURE 9: ANALYSIS OF ALTERNATIVES (AOA) ..................................</td>
</tr>
<tr>
<td>ENCLOSURE 10: COST ESTIMATING AND REPORTING ...................................</td>
</tr>
<tr>
<td>ENCLOSURE 11: REQUIREMENTS APPLICABLE TO ALL PROGRAMS CONTAINING</td>
</tr>
<tr>
<td>INFORMATION TECHNOLOGY (IT) ..................................................................</td>
</tr>
<tr>
<td>ENCLOSURE 12: URGENT CAPABILITY ACQUISITION .....................................</td>
</tr>
<tr>
<td>ENCLOSURE 13: CYBERSECURITY IN THE DEFENSE ACQUISITION SYSTEM ..........</td>
</tr>
<tr>
<td>PROGRAM MANAGER RESPONSIBILITIES ....................................................</td>
</tr>
<tr>
<td>GLOSSARY ..............................................................................................</td>
</tr>
</tbody>
</table>
REFERENCES

(c) Office of Management and Budget Circular A-11, “Preparing, Submitting, and Executing the Budget,” current edition
(e) Chairman of the Joint Chiefs of Staff Instruction 3170.01I, “Joint Capabilities Integration and Development System,” January 23, 2015
(h) Title 10, United States Code
(i) DoD Instruction 5000.74, “Defense Acquisition of Services,” January 5, 2016
(j) Title 15, United States Code
(p) Title 40, United States Code
(s) Chairman of the Joint Chiefs of Staff Instruction 5123.01G, “Charter for Joint Requirements Oversight Council,” February 12, 2015

1 https://acc.dau.mil/CommunityBrowser.aspx?id=18545
3 This is a controlled document. The office of primary responsibility is the Defense Intelligence Agency, (202) 231-0678
4 This is a controlled document. The office of primary responsibility is the Defense Intelligence Agency, (202) 231-0678
REFERENCES

(w) DoD Instruction 5000.73, “Cost Analysis Guidance and Procedures,” March 13, 2020
(x) DoD Instruction 8500.01, “Cybersecurity,” March 14, 2014
(aa) Title 47, United States Code
(ac) DoD Instruction 8320.02, “Sharing Data, Information, and Information Technology (IT) Services in the Department of Defense,” August 5, 2013
(ad) DoD Instruction 8410.03, “Network Management (NM),” August 29, 2012, as amended
(ag) Section 4321, Title 42, United States Code
(aj) DoD Instruction 5200.44, “Protection of Mission Critical Functions to Achieve Trusted Systems and Networks (TSN),” November 5, 2012, as amended
(ak) Federal Acquisition Regulation, current edition
(am) DoD Instruction 4650.01, “Policy and Procedures for Management and Use of the Electromagnetic Spectrum,” January 9, 2009
(ao) DoD Instruction O-5240.24, “Counterintelligence (CI) Activities Supporting Research, Development, and Acquisition (RDA),” June 8, 2011, as amended
(ar) Memorandum of Agreement between the Director of National Intelligence and the Secretary of Defense concerning the Management of Acquisition Programs Executed at the Department of Defense Intelligence Community Elements, March 25, 2008
(as) Intelligence Community Policy Guidance 801.1, “Acquisition,” July 12, 2007
(au) American National Standards Institute (ANSI)/Electronic Industries Alliance (EIA) 748, March 2013

5 This is a controlled document. The office of primary responsibility is Under Secretary of Defense (Intelligence), USDI.Pubs@osd.mil. Access requires a DoD PKI Certificate.
6 www.fas.org/irp/dni/hoa.pdf

(aw) Title 44, United States Code


(az) DoD Instruction 2040.02, “International Transfers of Technology, Articles, and Services,” March 27, 2014


(bf) Chairman of the Joint Chiefs of Staff Instruction 6510.01F, “Information Assurance (IA) and Support to Computer Network Defense (CND),” February 9, 2011, as amended

(bg) DoD Instruction 8510.01, “Risk Management Framework (RMF) for DoD Information Technology (IT),” March 12, 2014, as amended

(bh) DoD Instruction 5000.61, “DoD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A),” December 9, 2009


(bl) DoD Instruction 5000.67, “Prevention and Mitigation of Corrosion on DoD Military Equipment and Infrastructure,” February 1, 2010

(bm) DoD Instruction 1100.22, “Policy and Procedures for Determining Workforce Mix,” April 12, 2010


(br) Global Information Grid (GIG) Technical Guidance Federation (GTGF)

(bt) Office of Management and Budget Memorandum M-04-08, “Maximizing Use of SmartBuy and Avoiding Duplication of Agency Activities with the President’s 24 E-Gov Initiatives,” February 25, 2004

---

8 http://www.samm.dsca.mil/
9 http://www.disa.mil/Services/Enterprise-Engineering/IT-Standards
(bu) Office of Management and Budget Memorandum M-04-16, “Software Acquisition,” July 1, 2004
(ca) Section 794d of Title 29, United States Code
(ce) Defense Acquisition University Website
(cf) Defense Acquisition University Glossary
(cp) Part 236 of Title 32, Code of Federal Regulations

11 https://dap.dau.mil/glossary/Pages/Default.aspx
(cs) Director, Operational Test and Evaluation, “Procedures for Operational Test and Evaluation of Cybersecurity in Acquisition Programs,” August 1, 2014
(cx) Deputy Secretary of Defense Memorandum, “Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment,” July 13, 2018
(cz) DoD Instruction 5025.01, “DoD Issuances Program,” August 1, 2016, as amended
(da) DoD Instruction 5000.82, “Acquisition of Information Technology (IT),” April 21, 2020
(db) DoD Instruction 5000.83, “Technology and Program Protection to Maintain Technological Advantage,” July 20, 2020
(dc) DoD Instruction 5000.85, “Major Capability Acquisition,” August 6, 2020
(de) DoD Instruction 5000.81, “Urgent Capability Acquisition,” December 31, 2019
(dh) DoD Instruction 5000.90, “Cybersecurity and Acquisition Decision Authorities and Program Managers” December 31, 2020
(di) DoD Instruction 5000.95, “Human Systems Integration in Defense Acquisition,” April 1, 2022
ENCLOSURE 1

ACQUISITION PROGRAM CATEGORIES AND COMPLIANCE REQUIREMENTS

Enclosure 1 was removed through formal coordination and approval of Reference (dc); necessary information can be found in that issuance.
ENCLOSURE 2

PROGRAM MANAGEMENT

Enclosure 2 was removed through formal coordination and approval of Reference (dc); necessary information can be found in that issuance.
ENCLOSURE 3

SYSTEMS ENGINEERING

Enclosure 3 was removed through formal coordination and approval of Reference (df); necessary information can be found in that issuance.
ENCLOSURE 4

DEVELOPMENTAL TEST AND EVALUATION (DT&E)

Enclosure 4 was removed through formal coordination and approval of Reference (dg); necessary information can be found in that issuance.
ENCLOSURE 5

OPERATIONAL AND LIVE FIRE TEST AND EVALUATION (OT&E AND LFT&E)

Enclosure 5 was removed through formal coordination and approval of Reference (dg); necessary information can be found in that issuance.
ENCLOSURE 6

LIFE-CYCLE SUSTAINMENT

Enclosure 6 was removed through formal coordination and approval of Reference (dc); necessary information can be found in that issuance.
ENCLOSURE 7

HUMAN SYSTEMS INTEGRATION (HSI)

This enclosure was removed through formal coordination and approval of Reference (di); necessary information can be found in that issuance.
ENCLOSURE 8

AFFORDABILITY ANALYSIS AND INVESTMENT CONSTRAINTS

Enclosure 8 was removed through formal coordination and approval of Reference (dc); necessary information can be found in that issuance.
ENCLOSURE 9

ANALYSIS OF ALTERNATIVES (AOA)

Enclosure 9 was removed through formal coordination. Necessary information can be found in Reference (bp) or in the Defense Acquisition Guidance.
ENCLOSURE 10

COST ESTIMATING AND REPORTING

Enclosure 10 was removed through formal coordination. Necessary information is available in Reference (w).
ENCLOSURE 11

REQUIREMENTS APPLICABLE TO ALL PROGRAMS CONTAINING INFORMATION TECHNOLOGY (IT)

Enclosure 11 was removed through formal coordination and approval of Reference (da); necessary information can be found in that issuance.
ENCLOSURE 12

URGENT CAPABILITY ACQUISITION

Enclosure 12 was removed through formal coordination and approval of Reference (de); necessary information can be found in that issuance.
ENCLOSURE 13

CYBERSECURITY IN THE DEFENSE ACQUISITION SYSTEM

Enclosure 13 was removed through formal coordination and approval of References (db) and (dh); necessary information can be found in those issuances.
A complete Glossary of acquisition terms and common acquisition acronyms is maintained on the Defense Acquisition University website (Reference (ce)). The DAU Glossary (Reference (cf)) may be found at https://dap.dau.mil/glossary/Pages/Default.aspx.