SUMMARY of CHANGE

AR 700-20
Ammunition Peculiar Equipment

This major revision, dated 17 March 2015--

- Incorporates changes needed to comply with the latest revision of AR 70-1, MIL-STD-882D, and associated safety hazards analysis processes (paras 1-4e(11), 3-2b, and 3-4e).

- Clarifies policy for decontamination of ammunition peculiar equipment (paras 2-2d and 2-2f).

- Clarifies policy for ammunition peculiar equipment used in supporting workload defined in Sections 4543 and 4544, Title 10, United States Code (para 2-1k).

- Clarifies policy for sale of ammunition peculiar equipment (paras 2-2b and 2-2f).

- Eliminates references to Joint Conventional Ammunition Policies and Procedures and adds references to appropriate Department of Defense policies (paras 2-2d and 2-2f).
History. This publication is a major revision.

Summary. This regulation implements DOD 5160.65 and DODI 5160.68 to execute and manage the ammunition peculiar equipment and ammunition gage programs. It delineates authority, policy, and method for providing ammunition peculiar equipment and expands on the costs associated with requisitioning equipment, parts, kits, and assemblies. It clarifies and updates policy on the use of ammunition peculiar equipment by DOD contractors. It addresses the lead time for identifying program needs and budget requirements and provides information regarding safety approval of locally fabricated equipment.

Applicability. This regulation applies to the Active Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve, unless otherwise stated.

Proponent and exception authority. The proponent of this regulation is the Deputy Chief of Staff, G–4. The proponent has the authority to approve exceptions or waivers to this regulation that are consistent with controlling law and regulations. The proponent may delegate this approval authority, in writing, to a division chief within the proponent agency or its direct reporting unit or field operating agency, in the grade of colonel or the civilian equivalent. Activities may request a waiver to this regulation by providing justification that includes a full analysis of the expected benefits and must include formal review by the activity’s senior legal officer. All waiver requests will be endorsed by the commander or senior leader of the requesting activity and forwarded through their higher headquarters to the policy proponent. Refer to AR 25–30 for specific guidance.

Army internal control process. This regulation contains internal control provisions in accordance with AR 11–2 and identifies key internal controls that must be evaluated (see appendix B).

Supplementation. Supplementation of this regulation and establishment of command and local forms are prohibited without prior approval from the Deputy Chief of Staff, G–4 (DALO–SUM), Washington, DC 20310–0500.

Suggested improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the Deputy Chief of Staff, G–4 (DALO–SUM), Washington, DC 20310–0500.

Distribution. This publication is available in electronic media only and is intended for command levels C, D, and E for the Active Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve.

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*This regulation supersedes AR 700–20, dated 3 December 2010.

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Glossary
Chapter 1
Introduction

1–1. Purpose
This regulation manages and executes the ammunition peculiar equipment (APE) and ammunition gage programs. This regulation also prescribes authority, policy, and methods for providing worldwide APE to support ammunition operations, to include surveillance, demilitarization, maintenance, renovation, modification, packaging, and preservation. In accordance with this regulation, Headquarters, Department of the Army (HQDA) will provide this equipment and establish the goals, policies, and duties for the management, development, supply, and proper utilization of APE.

1–2. References
Required and related publications and prescribed and referenced forms are listed in appendix A.

1–3. Explanation of abbreviations and terms
Abbreviations and terms used in this regulation are explained in the glossary.

1–4. Responsibilities
a. Principal officials of Headquarters, Department of the Army and Commanders of Army Commands. Principal officials of HQDA and Commanders of ACOMs will ensure commanders of activities using APE execute the following:
   (1) Maintain a central control file and report condition, deficiencies, and location. Entry into the central control file will be by type of APE and will includes the following:
      (a) The APE part number.
      (b) The APE model number.
      (c) The APE serial number.
      (d) When applicable, the item unique identification number.
   (2) Ensure timely accomplishment of user maintenance; comply with shipping, storage, use, and inspection procedures in appropriate operational manuals; properly store and preserve equipment during idle periods in accordance with Technical Manual 43–0001–47; and assign condition codes in accordance with AR 725–50. APE that requires maintenance beyond that allowed in operational manuals will be reported to the Commanding General (CG), U.S. Joint Munitions Command (JMC) (AMSIM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) for instructions.
   (3) Ensure APE is not modified or shipped without approval of the CG, JMC.
   (4) Ensure standard APE is not available in the supply system before requesting approval to construct nonstandard APE locally.
   (5) Request disposition instructions from the CG, JMC (AMSIM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) for all APE end items, parts, kits, and ammunition gages that are no longer required.
   (6) For commanders of activities outside the continental United States, identify APE requirements for U.S.-funded and host nation-funded or North Atlantic Treaty Organization-funded facilities.
   (7) Perform decontamination and required demilitarization prior to transfer to the Defense Logistics Agency Disposition Services Recycling Control Point Program before release to the public.

b. The Assistant Secretary of the Army (Acquisition, Logistics and Technology). The ASA (ALT) will ensure the Program Executive Officer Ammunition—
   (1) Provides staff supervision of the APE Program through project managers for Joint Services and JMC.
   (2) Reviews planned APE projects and determines funding release for procurement projects.
   (3) Reviews and provides guidance for the execution of the APE Program.

c. Deputy Chief of Staff, G–4. The DCS, G–4, under the supervision of ASA (ALT), develops policy and provide staff direction and guidance for the APE Program.

d. Deputy Chief of Staff, G–8. The DCS, G–8 will obtain procurement appropriation resources for the APE Program and direct the resources to the Program Executive Office for Ammunition.

e. Commanding General, U.S. Army Materiel Command. The CG, AMC will provide life cycle acquisition and logistics support guidance and direction for sustainment of the APE Program and will ensure the CG, JMC—
   (1) Manages and executes the APE and ammunition gauge programs.
   (2) Compiles APE needs and develops and rates economic program analysis involving engineering studies, production improvements, prototype development, establishment of priorities, periodic reassessment of engineering growth, and the identification of resource needs for executing the APE Program.
   (3) Establishes and maintains a 5-year budget program, including budget needs and proposed distribution of equipment.
   (4) Establishes an inspection and inventory program, and maintains appropriate status and location records for all equipment worldwide.
(5) Controls the technical design, testing, documentation, and modification of APE items.
(6) Directs movement of all APE and ammunition gages.
   (a) Establishes a property account for all APE end items and ammunition gages loaned to the Army and other
       military users.
   (b) Monitors inventory records for all APE and ammunition gages loaned to Department of Defense (DOD)
       contractors.
(7) Directs the disposition of APE and ammunition gages that are declared excess to Army requirements or that
    are not economically repairable.
(8) Establishes and maintains a configuration control program for APE.
(9) Evaluates all requests for approval of locally developed and modified nonstandard APE; provides approval when
    warranted; and assigns identifying numbers in accordance with item unique identification marking policy to the
    equipment.
(10) If necessary, provides assistance and training for all equipment.
(11) Provides approval for all APE and nonstandard APE items, using AR 70–1 and Military Standard
    (MIL–STD)–882D to determine risk.
(12) Provides AMC (AMCLG–LA/G–4 Munitions Division ), the fiscal year APE priorities identified, and resources
    required supporting the APE and ammunition gage programs.
(13) Plans and develops item unique identification marking capabilities in accordance with AR 700–145 for all
    APE.

1–5. Objectives
The objectives of the APE and ammunition gage programs are to provide a centralized source of standard, modern,
safe, reliable, and environmentally acceptable equipment for ammunition operations and prevent damage to ammunition
or related facilities, as well as injury to personnel.

Chapter 2
Ammunition Peculiar Equipment Acquisition Functions and Guidelines

2–1. Military users
   a. Army users will receive APE, gages, and noncommercial repair parts on a free-issue loan basis. Military users
      other than Army users will receive APE on a reimbursable basis.
   b. All APE and gage requirements will be financed by Procurement of Ammunition, Army appropriation, as defined
      in Defense Finance and Accounting Service–Indianapolis Manual 37–100. The shipping installation will finance
      packaging, crating, handling, and transportation (PCH&T) costs for shipping Army-owned APE and ammunition gages
      from Government-operated installations and activities. Packaging, crating, and handling of APE may also be funded by
      the related program funding.
   c. APE and ammunition gages may be loaned to Government-operated Army installations for indefinite periods to
      accomplish depot type operations and Army retail ammunition supply point operations.
   d. JMC will maintain accountability of all APE and ammunition gages for DOD.
       (1) The APE end items and ammunition gages that are loaned to using units or organizations on a temporary or loan
           basis will be by hand receipt and accounted for in accordance with AR 710–2.
       (2) Kits, component parts, assemblies, and nonstandard APE (locally fabricated) will be accounted for at the unit
           and/or installation level following procedures outlined in AR 710–2.
   e. Users are responsible for maintaining APE and ammunition gages. All APE will be condition coded to reflect true
      serviceability per AR 725–50. The cyclic inspection, care of materiel in storage, APE shipping and receiving, as
      directed by the CG, JMC, will be programmed and funded by the appropriate work authorization document using the
   f. The equipment funded and issued in this regulation is exempt from the acquisition provision of AR 25–1.
   g. Users will report deficiencies in equipment and recommendations for improvement to JMC (AMSJM–LID). The
      responsible design activity will promptly investigate these reports.
   h. Users of APE may be required to provide funding to obtain the equipment if it is identified too late to be entered
      into the 5-year budget cycle.
   i. Users of APE will return all APE in the same condition it was received.
   j. The using installation will report associated APE to JMC (AMSJM–LID) for disposition within 3 months of
      completion of the ammunition operation utilizing APE.
   k. APE located at Army industrial facilities (plants, arsenals, depots)—as defined by Section 4544, Title 10, United
States Code (10 USC 4544), and 10 USC 4543—may be used in performance of services sold outside of DOD as long as—

1. The condition of the equipment will be maintained using JMC’s mission inspection procedures at the start and conclusion of the sold service work. All costs (including labor and parts) required to return APE to at least the condition prior to the start of the sold service work will be borne by the buyer of the service. All variable costs for maintaining APE during performance of the service contractor will be charged to the buyer of the service.

2. All PCH&T costs required to ship the APE from the mission depot to the performing facility will be borne by the buyer of the services.

3. APE will be shipped from the performing facility to the APE mission depot upon completion of the work and/or services. All PCH&T costs required to ship APE from the performing facility to the APE mission depot will be borne by the buyer of the work and/or service.

2–2. Commercial and other users

a. APE may be loaned to Government-owned, contractor-operated installations and activities. The primary purpose will be to support depot type operations and may augment production machinery when needed. Accountability for this equipment will rest with the contractor as defined in the contract. JMC will maintain visibility records of APE and ammunition gage assets at Government-owned contractor facilities.

b. APE may be loaned to DOD contractors pursuant to performance on contracts with a DOD element when it is considered in the best interest of the Government. No modification will be made on APE without the authorization of the JMC APE program office. JMC will maintain visibility records of APE and ammunition gage assets at DOD contractor facilities. Sale of APE located at a contractor’s plant at the end of a contract will be in accordance with Federal Acquisition Regulation 45.6 and Defense Federal Acquisition Regulation Supplement 245.6, and is subject to approval by JMC (AMSJM–LID).

c. JMC will direct all movements of APE. APE will not be included in the layaway of industrial facilities or manufacturing lines.

d. JMC (AMSJM–LID) will approve all APE equipment used as Government furnished equipment. APE may only be Government furnished equipment to a contractor on a noninterference basis with current and planned organic programs. At the completion of the contract, decontamination (removal of explosive and/or hazardous substances) of APE will be performed by the contractor in accordance with DOD instruction 4140.62. Any PCH&T costs for the return of equipment to the APE mission depot will be the responsibility of the contractor.

e. All program costs will be borne by the service contract (for example, indefinite delivery and/or indefinite quantity contracts). APE identified in the contract will be furnished on a “where is, as is” basis. The contractor will obtain unique repair parts and technical support from the JMC APE program office on a reimbursable basis.

f. Sale of new or used APE to contractors or individuals subject to all current guidance and regulations controlling sale of Government-owned equipment, including but not limited to DOD 4160.21–M, AR 725–1, 10 USC 4543, or other sales statutes, as applicable. Sale of APE that falls under trade security controls or export administration regulations in accordance with the U.S. munitions list or commerce control list (APE with demilitarization codes other than A) will include an end use certificate in accordance with DOD 4160.21–M, and will only be sold to parties that possess the appropriate Bureau of Alcohol, Tobacco, Firearms, and Explosives or other required licenses for munitions processing. APE that has been in contact with energetic material will be decontaminated in accordance with DOD instruction 4140.62 prior to sale or release to the public.

g. A list of APE is available at the APE Web site https://prod.jmc.army.mil/Apems3_CATALOG/.

Chapter 3
Requirements and Requisitioning

3–1. Ammunition peculiar equipment and gage requirements

a. Addresses. Requirements will be sent to the CG, JMC by letter (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) or electronic mail (usarmy.ria.jmc.mbx.amsjm-lid@mail.mil).

b. Budgeting. For budgeting purposes, users will submit firm APE and gage requirements no later than 30 September of each year, 12 months before the fiscal year of intended use. Requirements will consist of APE model number, quantity required of each model, and the ammunition operation on which the equipment will be used. Requirements for gages will include the quantity, national stock number, and part number.

c. Requisitioning.

1. For APE (excluding repair parts), users will submit a letter to the CG, JMC (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) or electronic mail (usarmy.ria.jmc.mbx.amsjm-lid@mail.mil) with the following:

   a. The APE model number.

   b. Quantity and priority.
(c) Justification for equipment. (Cite the ammunition operation to be accomplished and identify rounds of ammunition by type and model that will be processed with the APE.)

(d) Supplementary address of receiving installation.

(e) Length of loan requested.

(2) For APE repair parts, kits, and assemblies, users will submit a requisition using the manual procedures in AR 725–50, to the CG, JMC (AMSJM–LID), 1 Rock Island Arsenal, Rock Island, IL 61299–6000).

(3) For ammunition gages, users will submit a letter to the CG, JMC (AMSJM–LID), 1 Rock Island Arsenal, Rock Island, IL 61299–6000) or electronic mail (usarmy.ria.jmc.mbx.amsjm-lid@mail.mil) with the following:

(a) Ammunition gage national stock number or part number.

(b) Quantity and priority.

(c) Justification for equipment.

(d) Supplementary address of receiving installation.

(4) Ammunition gages determined to be excess to requirements or unserviceable will be reported to the CG, JMC (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) for disposition instructions.

(5) Users will perform inspection and certification of ammunition gages at the prescribed intervals and passes in accordance with Technical Bulletin 43–180.

3–2. Nonstandard ammunition peculiar equipment

Requests for approval of local design, fabrication, and use of nonstandard APE (special jigs, wrenches, and fixtures not normally provided under the APE Program) will be submitted to the CG, JMC (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000). Installations will finance all costs associated with the fabrication and maintenance of nonstandard APE. In case of emergency need for the equipment, the approval request may be made by telephone and followed up with a written request within 10 days. The following will be submitted with the request:

a. Installation-approved drawings or photographs.

b. A narrative description of what the equipment will do, along with an assessment of hazards using risk assessment methods in accordance with AR 70–1 and MIL–STD–882D.

3–3. Equipment deficiencies

a. The main objective of reporting APE deficiencies is to control and correct safety, operations, reliability, durability, maintenance, and quality deficiencies identified by users of fielded APE.

b. APE deficiencies will be reported by letter to the CG, JMC (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000) or electronic mail (usarmy.ria.jmc.mbx.amsjm-lid@mail.mil).

3–4. Equipment modification

Equipment modification or deviation requests for approval of local APE modifications or deviations will be sent to the CG, JMC (AMSJM–LID, 1 Rock Island Arsenal, Rock Island, IL 61299–6000). The following will be included in the request:

a. Description of condition.

b. Rationale for modification or deviation.

c. Specific duration of the modification or deviation.

d. Precautions that will be taken to achieve safety in operation during the period of use.

e. An assessment of hazards and instituted countermeasures using risk assessment methods in accordance with AR 70–1 and MIL–STD–882D.
Appendix A
References

Section I
Required Publications

AR 25–1
Army Knowledge Management and Information Technology Management (Cited in para 2–1f.)

AR 70–1
Army Acquisition Policy (Cited on the summary of change page, paras 3–2, and 3–4e.)

AR 700–145
Item Unique Identification (Cited in para 1–4d(13)).

AR 710–2
Supply Policy Below the National Level (Cited in paras 2–1d(1), 2–1d(2).)

AR 725–1
Special Authorization and Procedures for Issues, Sales, and Loans (Cited in para 2–2f.)

AR 725–50
Requisitioning, Receipt, and Issue System (Cited in paras 1–4a(2), 2–1e, and 3–1e(2)).

DOD 4160.21–M

DOD instruction 4140.62
Material Potentially Presenting an Explosive Hazard (Cited in paras 2–2d, 2–2f.) (Available at http://www.dtic.mil/whs/directives.)

MIL–STD–882D
System Safety (Cited on the summary of change page, paras 1–4d(11), 3–2b, and 3–4e.) (Available at http://quicksearch.dla.mil/basic_profile.cfm?ident_number=36027&method=basic.)

Technical Bulletin 43–180
Calibration and Repair Requirements for the Maintenance of Army Materiel (Cited in para 3–1e(5).) (Available at https://www.logsa.army.mil/etms/online.cfm.)

10 USC 4543
Army industrial facilities: sales of manufactured articles or services outside Department of Defense (Cited in paras 2–1k, 2–2f.) (Available at http://uscode.house.gov/search/criteria/shtml.)

10 USC 4544
Army industrial facilities: cooperative activities with non-Army entities (Cited on the summary of change page and 2–1k.) (Available at http://uscode.house.gov/search/criteria/shtml.)

Section II
Related Publications
A related publication is a source of additional information. The user does not have to read it to understand this publication.

AR 11–2
Manager’s Internal Control Program

AR 25–30
The Army Publishing Program

Defense Federal Acquisition Regulation Supplement 245.6
Reporting, Reutilization, and Disposal (Available at http://www.acq.osd.mil/dpap/dars/dfarspgi/current/index.html.)
Defense Finance and Accounting Service–Indianapolis Manual 37–100

DODD 5160.65
Single Manager for Conventional Ammunition (SMCA) (Available at http://www.dtic.mil/whs/directives.)

DODI 5160.68
Single Manager For Conventional Ammunition (SMCA): Responsibilities of the SMCA, the Military Services, and United States Special Operations Command (USSOCOM) (Available at http://www.dtic.mil/whs/directives.)

Federal Acquisition Regulation 45.6
Reporting, Reutilization, and Disposal (Available at http://www.acquisition.gov/far/.)

Technical Manual 43–0001–47
Army Equipment Data Sheets, Ammunition Peculiar Equipment (APE) (Available at https://www.logsa.army.mil/etms/online.cfm.)

Section III
Prescribed Forms
This section contains no entries.

Section IV
Referenced Forms
Except where otherwise indicated below, the following forms are available as follows: DA Forms are available on the Army Publishing Directorate Web site (http://www.apd.army.mil). DD Forms are available from the OSD Web site (http://www.dtic.mil/whs/directives/).

DA Form 11–2
Internal Control Evaluation Certification

DA Form 2028
Recommended Changes to Publications and Blank Forms

Appendix B
Internal Control Evaluation

B–1. Function
This function covered by this evaluation is to provide guidance for the conduct of the management of the APE and ammunition gage programs.

B–2. Purpose
The purpose of this evaluation is to assist ammunition senior managers in evaluating the key internal controls listed. It is intended as a guide and does not cover all controls.

B–3. Instructions
Answers must be based on the actual testing of key internal controls (for example, document analysis, direct observation, sampling, simulation, or other). Answers that indicate deficiencies must be explained and the corrective action identified in supporting documentation. These internal controls must be evaluated at least once every 5 years. Certification that the evaluation has been conducted must be accomplished on DA Form 11–2 (Internal Control Evaluation Certification).

B–4. Test questions
a. Did JMC provide requirements to the PEO Ammunition for the APE and ammunition gage programs?
b. Did the PEO Ammunition evaluate and provide support to JMC for the Army’s APE and ammunition gage programs?
c. Is a 5-year program requirement being developed for the Army’s APE and ammunition gage programs?
d. Were metrics for the APE and ammunition gage programs kept and provided to AMC?direction, and guidance provided by AMC for the management of Army’s APE and ammunition gage programs?
e. Is locally manufactured APE being managed correctly?

**B–5. Supersession**

This evaluation replaces the evaluation for management of the APE and ammunition gage programs previously published in AR 700–20, dated 3 December 2010.

**B–6.**

Help make this a better tool for evaluating internal controls. Submit comments to the DCS, G–4 (DALO–SUM), 500 Army Pentagon, Washington, DC 20310–0500.
Glossary

Section I
Abbreviations

AMC
U.S. Army Materiel Command

APE
ammunition peculiar equipment

ASA (ALT)
Assistant Secretary of the Army (Acquisition, Logistics and Technology)

CG
commanding general

CONUS
continental United States

DCS, G–4
Deputy Chief of Staff, G–4

DCS, G–8
Deputy Chief of Staff, G–8

DOD
Department of Defense

FAR
Federal Acquisition Regulation

JMC
U.S. Joint Munitions Command

MIL–STD
military standard

PCH&T
packaging, crating, handling, and transportation

PEO
program executive officer

TB
technical bulletin

USC
United States Code

Section II
Terms

Ammunition gage
An instrument used for measuring dimensions for specific tolerances and procured or loaned to support surveillance and maintenance operations.

Ammunition peculiar equipment
Consists of equipment, systems, and processes that are not commercially available and require approval and/or
certification for use in hazardous/explosive operations. APE is used to support conventional and chemical ammunition maintenance, surveillance, demilitarization, and testing type operations.

**Nonstandard ammunition peculiar equipment**
Special tools, fixtures, and jigs designed and made locally by users for use in ammunition operations.

**Section III**
**Special Abbreviations and Terms**
This section contains no entries.