

Army Regulation 700–20

Logistics

Ammunition Peculiar Equipment (APE)

**Headquarters
Department of the Army
Washington, DC
5 February 1990**

Unclassified

SUMMARY of CHANGE

AR 700-20

Ammunition Peculiar Equipment (APE)

This revision--

- o Implements DOD 5160-65M.
- o Clarifies and updates policy for the use of APE by Defense contractors (throughout).
- o Provides additional guidance for programming and budgeting (throughout).

Effective 5 March 1990

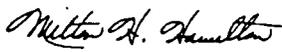
Logistics

Ammunition Peculiar Equipment (APE)

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:



MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army

History. This UPDATE printing publishes a revision of this publication. Because the publication has been extensively revised, the changed portions have not been highlighted.

Summary. This regulation delineates the authority, policy, and methods for providing ammunition peculiar equipment. It provides policy for the use of APE by Defense contractors; provides guidance on the costs associated with requisitioning equipment, parts, kits, and assemblies; addresses the lead time

for identifying program needs and budget requirements; and provides information regarding safety approval of locally fabricated equipment. This regulation implements the requirements of DOD 5160.65M, Single Manager for conventional Ammunition.

Applicability. This regulation applies to Active Army, Army National Guard, and U.S. Army Reserve activities that receive, store, ship, inspect, renovate, or demilitarize conventional, missile, or chemical ammunition items and components. Defense contractor operating installations that perform ammunition depot type operations are provided APE within the provisions of their contracts.

Proponent and exception authority.
Not applicable

Army management control process.
This regulation is not subject to the requirements of AR 11-2. It does not contain internal control provisions.

Supplementation. Supplementation of this regulation and establishment of command and local forms are prohibited without prior

approval from HQDA (DALO-SMA), WASH DC 20310-0500.

Interim changes. Interim changes to this regulation are not official unless they are authenticated by the Administrative Assistant to the Secretary of the Army. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested improvements. The proponent agency of this regulation is the Office of the Deputy Chief of Staff for Logistics. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to HQDA (DALO-SMA), WASH DC 20310-0500.

Distribution. Distribution of this publication is made in accordance with the requirements on DA Form 12-09-E, block number 3791, intended for command level C for Active Army, ARNG, and USAR.

Contents (Listed by paragraph and page number)

Chapter 1

Introduction, page 1

Purpose • 1-1, page 1

References • 1-2, page 1

Explanation of abbreviations and terms • 1-3, page 1

Objectives • 1-4, page 1

Chapter 2

APE Responsibilities and Policies, page 1

Section I

Responsibilities, page 1

Deputy Chief of Staff for Logistics (DCSLOG) • 2-1, page 1

Commanding General, U.S. Army Materiel Command (CG, AMC)
• 2-2, page 1

Commanding General, U.S. Army Armament, Munitions, and
Chemical Command (CG, AMCCOM) • 2-3, page 1

Commanders of continental United States (CONUS) and outside
CONUS (OCONUS) activities • 2-4, page 1

Section II

Policies, page 2

Military users • 2-5, page 2

Commercial users • 2-6, page 2

Chapter 3

Procedures, page 2

Requirements and requisitioning • 3-1, page 2

Nonstandard APE • 3-2, page 2

Equipment deficiencies • 3-3, page 2

Equipment modification or deviation • 3-4, page 2

Reports • 3-5, page 3

Index

* This regulation supersedes AR 700-20, 15 April 1979.

RESERVED

Chapter 1 Introduction

1-1. Purpose

This regulation—

- a. Establishes the ammunition peculiar equipment (APE) program.
- b. Prescribes policy, responsibilities, and methods for providing worldwide special ammunition equipment to support ammunition operations. These operations include surveillance, demilitarization, renovation, modification, packaging, and preservation.
- c. Gives Headquarters, Department of the Army (DA) the means to provide this equipment and establish the goals, policies, and duties for managing, developing, supplying, and using APE.

1-2. References

- a. *Required publications*
 - (1) AR 37-100-series, The Army Management Structure (Fiscal Code). (Cited in para 2-5.)
 - (2) AR 385-16, System Safety Engineering and Management. (Cited in paras 3-2b and 3-4a(5).)
 - (3) AR 700-43, Defense Industrial Plant Equipment Center Operations. (Cited in para 2-5.)
 - (4) AR 710-2, Supply Policy Below the Wholesale Level. (Cited in para 2-5c.)
 - (5) AR 725-50, Requisitioning, Receipt, and Issue System. (Cited in paras 2-5d, and 2-4b, and 3-1b(2).)
 - (6) DA Pam 738-750, The Army Maintenance System. (Cited in para 2-4a and 3-3b.)
 - (7) DOD 5160.65M, Single Manager for Conventional Ammunition. (Cited in para 2-5a.)
 - (8) TM 43-0001-47, Army Ammunition Data Sheets, Ammunition Peculiar Equipment. (Cited in para 2-4b.)
- b. *Related publications.* (A related publication is merely a source of additional information. The user does not have to read it to understand this regulation.) AR 310-34, Equipment Authorization and Utilization Policies and Criteria and Common Table of Allowances.

1-3. Explanation of abbreviations and terms

- a. *Abbreviations.*
 - (1) AMC—U.S. Army Materiel Command.
 - (2) AMCCOM—U.S. Army Armament, Munitions, and Chemical Command.
 - (3) APE—ammunition peculiar equipment.
 - (4) CG—commanding general.
 - (5) CONUS—continental United States.
 - (6) DA—Department of the Army.
 - (7) DCSLOG—Deputy Chief of Staff for Logistics.
 - (8) OCONUS—outside continental United States.
 - (9) PCHT—packaging, crating, handling, and transportation.
- b. *Terms.*
 - (1) APE. Those items and systems designed, made, tested, procured, and approved as standard equipment for ammunition depot operations.
 - (2) Nonstandard APE. Special tools, fixtures, and jigs designed and made locally by users for use in ammunition operations.

1-4. Objectives

The objectives of the APE program are as follows:

- a. To provide a central source of standard, modern, safe, reliable, and environmentally acceptable equipment for ammunition operations.
- b. To prevent damage to ammunition or related facilities as well as injury to personnel as a result of unauthorized or improper equipment design, use, or modification.

Chapter 2 APE Responsibilities and Policies

Section I Responsibilities

2-1. Deputy Chief of Staff for Logistics (DCSLOG)

DCSLOG (DALO-SMA) will prescribe policy and provide staff direction and guidance for the APE program.

2-2. Commanding General, U.S. Army Materiel Command (CG, AMC)

- a. The CG, AMC will provide staff supervision of the APE program.
- b. On behalf of the CG, AMC, the Director, U.S. AMC Field Safety Activity is responsible for safety approval of all APE.

2-3. Commanding General, U.S. Army Armament, Munitions, and Chemical Command (CG, AMCCOM)

The CG, AMCCOM will—

- a. Manage and execute the APE program.
- b. Compile APE needs and rates, and develop economic program analyses involving—
 - (1) Engineering studies.
 - (2) Production improvements.
 - (3) Prototype development.
 - (4) Establishment of priorities.
 - (5) Periodic reassessment of engineering growth.
 - (6) Identification of resource needs for executing the APE program.
- c. Establish and maintain a 5-year program including budget needs and proposed distribution of equipment.
- d. Assure that inspections and inventories are made as necessary, and establish records of the status and location of all equipment worldwide.
- e. Control technical design, testing, documentation, and modification, and provide final approval for all APE items.
- f. Keep accounts for all APE items loaned to the U.S. Army and other military service users.
- g. Direct the disposition of APE that has been declared excess to Army requirements or that is not economically repairable.
- h. Assure the existence of safety approval prior to the issue and field use of APE items.
- i. Establish and maintain a modification work order program for APE.
- j. Review all requests for approval of locally developed and modified nonstandard APE, obtain engineering and safety approval for items, and assign identifying numbers to the equipment.
- k. Provide assistance with preinstallation, and train personnel to be qualified operators.

2-4. Commanders of continental United States (CONUS) and outside CONUS (OCONUS) activities

Commanders of CONUS and OCONUS activities using APE will—

- a. Maintain a central control file, and will report APE usage, condition, deficiencies, and location per DA Pam 738-750. Entry into the central control file will be by type of APE, and will include the APE, part, model, and serial numbers.
- b. Assure timely accomplishment of user maintenance, and comply with prescribed procedures for shipping, storing, using, and inspecting APE.
- c. Properly store and preserve equipment during idle periods per TM 43-0001-47.
- d. Assign and report condition codes that reflect the true APE condition per AR 725-50, appendix C.
- e. Report APE needing maintenance beyond that allowed in operational manuals to Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN: AMSMC-DSM-ME, Rock Island, IL 61299-6000, for instructions.
- f. Assure that APE is not modified or shipped without approval of the Commander, AMCCOM (e above).

g. Assure that standard APE is not available in the supply system before seeking approval to make nonstandard APE locally.

h. Request disposition instructions from the Commander, AMCCOM (*e* above) for all APE end items, parts, and kits that are no longer required.

Section II Policies

2-5. Military users

a. Army users will receive APE and noncommercial repair parts on a free issue basis. Supply to non-Army users will be on a reimbursable basis. Military users, other than Army, will receive APE as outlined in chapter 8 of DOD 5160.65M.

b. APE needs will be financed per Army regulations in the 37-100-series. Packaging, crating, handling, and transportation (PCHT) costs will be financed as follows:

(1) The shipping installation will finance PCHT costs for shipping Army-owned APE from Government-operated Army installations and activities.

(2) The customer will pay PCHT costs for shipping non-Army-owned APE.

(3) The U.S. Army Armament, Munitions and Chemical Command (AMCCOM) will finance PCHT costs for shipping Army-owned APE from contractor operated installations and activities.

c. APE will be loaned to Government-operated Army installations for indefinite periods (an exception to AR 310-34) to accomplish depot type operations. The APE will remain on AMCCOM accountable records. Using installations will establish a central control file for each item of APE.

(1) End items will be issued to using units or organizations on a temporary or loan basis via hand receipt and will be accounted for as outlined in AR 710-2, paragraph 2-10.

(2) Kits, component parts, assemblies, and nonstandard APE (locally fabricated) will be accounted for at the unit/installation level following procedures outlined in AR 710-2, paragraph 2-10.

d. The user is responsible for maintaining APE. All APE will be condition coded to reflect true serviceability per AR 725-50, appendix C. Care of materiel in storage, and the shipment, receipt, and cyclic inspection of APE, as directed by the CG, AMCCOM, will be programmed and funded by a work authorization document, using the accounting structure in Army regulations in the 37-100 series.

e. Equipment funded and issued under this regulation is exempt from reporting per AR 700-43.

f. APE needs will be developed and programmed for the budget fiscal year plus the 4 subsequent fiscal years to coincide with the financial program development and budget cycles.

g. Users will submit reports of equipment deficiencies and recommendations for improvement per paragraph 3-5. The responsible design activity will promptly investigate these reports.

2-6. Commercial users

a. APE will be issued to contractor-operated installations and activities with ammunition depot type missions. Accountability of this equipment will rest with the contractor as defined in his or her contract. AMCCOM will maintain an inventory record of each contractor's APE assets.

b. Non-Army-owned APE will not be returned to the system without first being condition coded and rebuilt as necessary by one of the mission activities—Tooele Army Depot or Savanna Army Depot Activity.

Chapter 3 Procedures

3-1. Requirements and requisitioning

a. *Requirements.* Submit requirements by memorandum or message to Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN: AMSMC-DSM-ME, Rock Island, IL 61299-6000.

(1) For planning purposes, the user will submit future APE requirements no later than 15 December for the subsequent 3 to 6 outyears (for example, 15 December 1988 for fiscal years 1992 through 1994). Requirements will specify the APE model number, the quantity required of each model, and the ammunition operation for which the equipment is required.

(2) For budgeting purposes, the user will submit firm APE requirements no later than 15 December, 21 months before the fiscal year of intended use (for example, 15 December 1988 for fiscal year 1991). Requirements will specify the APE model number, the quantity required of each model, and the ammunition operation for which the equipment is required.

b. *Requisitioning.*

(1) For APE (excluding repair parts), submit a memorandum or message to Commander, AMCCOM (*a* above) with the following:

(a) 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) The supplementary address of the receiving installation.

(e) The length of time the APE will be needed.

(2) For APE repair parts, kits, and/or assemblies, submit a requisition to Commander, AMCCOM (*a* above) using the manual procedures in AR 725-50.

3-2. Nonstandard APE

Submit requests for approval of local design, fabrication, and use of nonstandard APE (special jigs, wrenches, and fixtures not normally provided under the APE program) to Commander, AMCCOM (para 3-1a). In case of an emergency need for the equipment, the approval request may be made by telephone, followed by a written request within 10 days. Submit the following with the request:

a. Installation approved drawings or photographs.

b. A narrative description of what the equipment will do, along with a preliminary hazard analysis prepared in accordance with AR 385-16, appendix A.

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. Using installations will report APE deficiencies per instructions in the APE manual and in DA Pam 738-750.

3-4. Equipment modification or deviation

a. Send requests for approval of local APE modifications or deviations to the address in paragraph 3-1a. Include the following in the request:

(1) Description of condition.

(2) Rationale for modification or deviation.

(3) Specific duration of the modification or deviation.

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

(5) A hazard analysis (per AR 385-16, app A) by the user installation's safety manager, comparing the risks involved (using precautions identified in para 3-5), with the safety achieved in compliance with imposed safety conditions.

b. In the event of an emergency, a telephone or message request may be made to Commander, AMCCOM (para 3-1a), telephone commercial (309) 782-6881, or AUTOVON 793-6881. Confirm the request within 5 working days of the initial request by message.

3-5. Reports

a. Send one copy of each report and request to Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN: AMSMC-DSM-ME, Rock Island, IL 61299-6000.

b. Send one copy of each deficiency report to each of the following:

(1) Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN: AMSMC-SF, Rock Island IL 61299-6000.

(2) Director, U.S. Army Materiel Command Field Safety Activity, ATTN: AMXOS-SE, Charlestown IN 47111-9669.

c. When missile and rocket materiel are involved, send one copy of each report to Commander, U.S. Army Missile Command, ATTN: AMSMI-SNT, Redstone Arsenal AL 35898-5370.

Index

This index is organized alphabetically by topic and paragraph number.

Budgeting, 2-3c, 2-5f

Central control file, 2-4a

Contractor operated installations, 2-6a

Development, 2-5f

End items, 2-5c(1)

**Government operated Army installations,
2-5c**

Handreceipts, 2-5c(1)

Inspection of APE, 2-3d, 2-5d

Non-Army owned APE, 2-6b

Nonstandard APE, 2-5c(2)

**Packaging, crating, handling, and trans-
portation (PCHT) costs, 2-5b**

Repair parts, 2-5a

Reports of deficiencies, 2-5g, 3-5b

Requests for approval, 3-2, 3-4

Unclassified

PIN 040300-000

USAPA

ELECTRONIC PUBLISHING SYSTEM
TEXT FORMATTER ... Version 2.56

PIN: 040300-000

DATE: 12-30-98

TIME: 14:35:44

PAGES SET: 8

DATA FILE: s533.fil

DOCUMENT: AR 700-20

DOC STATUS: NEW PUBLICATION