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MIL-P-14313D

24 January 1972

SUPERSEDING
MIL-P-14313C
8 October 1965

MILITARY SPECIFICATION

PISTOLS AND REVOLVERS, PACKAGING OF

This specification is mandatory for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 This specification covers the packaging and packing of all pistols and revolvers for each level of protection.

2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

Federal		
P-D-680	-	Dry Cleaning Solvent.
UU-P-268	-	Paper, Kraft, Untreated, Wrapping.
PPP-B-566	-	Boxes, Folding Paperboard.
PPP-B-585	-	Boxes, Wood, Wirebound.
PPP-B-601	-	Boxes, Wood, Cleated-Plywood.
PPP-B-621	-	Boxes, Wood, Nailed and Lock-Corner.
PPP-B-636	-	Box, Fiberboard.
PPP-B-640	-	Boxes, Fiberboard, Corrugated, Triple-Wall.
PPP-B-665	-	Boxes, Paperboard, Metal-Stayed.
PPP-B-676	-	Boxes, Setup.
PPP-C-843	-	Cushioning Material, Cellulosic.
PPP-F-320	-	Fiberboard; Corrugated and Solid, Sheet Stock (Container Grade) and Cut Shapes.
PPP-T-60	-	Tape, Pressure Sensitive, Adhesive Waterproof for Packaging.
PPP-T-76	-	Tape, Pressure-Sensitive Adhesive Paper, (For Carton Sealing).

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Military

MIL-P-116	-	Preservation, Methods of.
MIL-B-117	-	Bags and Sleeves, Interior Packaging.
MIL-C-372	-	Cleaning Compound, Solvent (For Bore of Small Arms and Automatic Aircraft Weapons).
MIL-P-3420	-	Packaging Materials, Volatile Corrosion Inhibitor Treated, Opaque.
MIL-I-8574	-	Inhibitors, Corrosion, Volatile, Utilization of.
MIL-B-43014	-	Boxes, Water Resistant, Paperboard; Folding, Set-Up, and Metal Stayed.

STANDARDS

Military

MIL-STD-105	-	Sampling Procedures and Tables for Inspection by Attributes.
MIL-STD-109	-	Quality Assurance Terms and Definitions.
MIL-STD-129	-	Marking for Shipment and Storage.
MIL-STD-147	-	Palletized and Containerized Unit Load 40" x 48" Pallet, Skids, Runners or Pallet-Type Base.

DRAWINGS

U.S. Army Weapons Command

8726299	-	Tube, Bore, VCI Treated.

PUBLICATIONS

U.S. Army Weapons Command

P6731965	-	Pistol, Automatic, Cal .45, M1911A1, W/E.
P8426674	-	Pistol, Automatic, Cal .45, M1911A1, National Match w/Equipment.

(Copies of specifications, standards, drawings and publications required by contractors in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer.)

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3. REQUIREMENTS

3.1 Detailed packaging documents. For the procurement of Pistols, Automatic, Cal. .45, M1911A1 w/equipment and Pistol, Automatic, Cal. .45, M1911A1, National Match, w/equipment, Packaging Data Sheets P6737965 and P0426674, respectively shall apply.

3.2 Material and methods. The materials and methods used for preparation of pistols and revolvers for shipment and storage shall be in accordance with this specification, and other documents specified herein and Packaging Data Sheets, as applicable.

3.3 Preservation and packaging. Pistols and revolvers shall be cleaned, dried, preserved and unit packaged levels A, B or C as specified in the contract (see 6.1).

3.3.1 Level A.

3.3.1.1 Cleaning. Pistols and revolvers shall be disassembled as necessary to accomplish the cleaning specified herein. All metallic surfaces of parts subjected to burned powder residue, such as the slide, bolt, firing pin, etc, shall be scrubbed clean with bristle brushes saturated with rifle bore cleaner conforming to MIL-C-372 followed with a wash of solvent conforming to P-D-680. The barrel bore and chamber shall be cleaned with bristle brushes and swabs saturated with rifle bore cleaner conforming to MIL-C-372 followed with a wash of solvent conforming to P-D-680. The brushes and swabs shall be passed through the barrel bore and chamber as many times as necessary to obtain the required cleanliness. All other metallic surfaces shall be cleaned by process C-3 of MIL-P-116. Nonmetallic surfaces shall be cleaned by process C-1 of MIL-P-116.

3.3.1.2 Drying. All surfaces shall be thoroughly dried prior to preservation. Drying shall be accomplished in accordance with procedure D-1 of MIL-P-116 except the barrel bore and chamber shall be dried in accordance with procedure D-4 of MIL-P-116 using clean, dry swabs.

3.3.1.3 Preservation. Unless otherwise specified by product drawings or specifications, all metallic surfaces shall be preserved with light preservative oil conforming to Type P-9 of MIL-P-116, applied by any applicable procedure. Excess oil shall be drained prior to packaging. The drainage position shall be changed as necessary to accomplish thorough drainage. The application of volatile-corrosion-inhibitor (VCI) treated material, when specified, (see 3.3.1.4) shall be in accordance with the requirements of MIL-I-8574.

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3.3.1.4 Unit packaging. Pistols and revolvers nine inches or less in length shall be individually unit packaged Method IA-8 of MIL-P-116 as specified in 3.3.1.4.1. Pistols and revolvers over nine inches in length shall be individually unit packaged Method IA-15 of MIL-P-116 as specified in 3.3.1.4.2. Basic Issue Items (BII) or equipment, as applicable, shall be packaged as specified in 3.3.1.4.3.

3.3.1.4.1 Method IA-8. Pistols or revolvers with barrels six inches or longer shall have a VCI bore tube (.19 diameter by the length of the barrel plus one inch) conforming to B7266299, inserted into the barrel bore. The weapon shall be intimately wrapped with VCI treated material conforming to Type I, Class 1 or 2, Style C or D of MIL-P-3420. The wrapped weapon shall be inserted into a barrier bag conforming to Type I or II, Class E, Style 1 of MIL-B-117. BII or equipment, as required, processed as specified in 3.3.1.4.3, shall be inserted into the bag with the wrapped weapon prior to closure. Closure of the bag shall be accomplished by reducing the included air volume within the bag to a practical minimum and heat sealed. The bagged weapon shall be further packed in a fiberboard box conforming to Style FOL, Grade W5C of PPP-B-636, utilizing one of the sizes listed in Table I. The box shall provide a snug fit for the weapon and, as required, be immobilized with cushioning material conforming to Type II, Class A of PPP-C-843 or fiberboard conforming to Type CF, Grade 125, Class Domestic, Variety SW of PPP-F-320. Closure of the box shall be accomplished by sealing the top and bottom seams with tape conforming to PPP-T-76, two inches wide.

TABLE I

UNIT PACKAGE BOX SIZES DIMENSIONS IN		
LENGTH	WIDTH	DEPTH
6 1/8	1 3/4	12 5/8
5	1 5/8	12 1/2
5	1 3/4	11 1/4
5	1 5/8	8 3/4
6	1 9/16	8 3/4

All dimensions are given in inches.

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3.3.1.4.2 Method IA-15. Pistols and revolvers with barrels six inches or longer shall have a VCI bore tube (.19 diameter by the length of the barrel plus one inch) conforming to B7266299, inserted into the barrel bore. The weapon shall be intimately wrapped with VCI treated material conforming to Type I, Class 1 or 2, Style C or D of MIL-P-3420. The wrapped weapon shall be inserted into a paperboard box conforming to PPP-B-566, Class 1 of PPP-B-665, MIL-B-43014 or Variety 1 of PPP-B-676. Boxes shall be equiped with inner pads, forms or sheets designed to adequately position cushion and support the weapon in such a manner as to prevent interior movement or damage to the weapon or package. BII or equipment, as required, processed as specified in 3.3.1.4.3, shall be inserted in the box with the wrapped weapon prior to closure. Closure shall be accomplished with tape conforming to PPP-T-76, two inches wide. The sealed box shall be inserted into a barrier bag conforming to Type 1, Class E, Style 1 of MIL-B-117. Closure of the bag shall be accomplished by reducing the included air volume within the bag to a practical minimum and heat sealing. The package shall be overwrapped with kraft wrapping paper conforming to thirty pound basic weight, Grade B of UU-P-268 secured with tape conforming to Type V, Class 2 of PPP-T-60.

3.3.1.4.3 BII or equipment such as cleaning rods, brushes, magazines and holsters shall be processed as follows and packaged with the weapon as specified in 3.3.1.4.1 and 3.3.1.4.2:
Cleaning rods: shall be packaged Method 1 C-3 of MIL-P-116. Ferrous metal rods shall be wrapped with VCI treated material conforming to Type I, Class 1 or 2, Style C or D of MIL-P-3420 and placed in a packaging bag conforming to Type I, Class B, Style 2 of MIL-B-117. Closure shall be accomplished by heat sealing. Non-ferrous rods shall be packaged the same except the VCI treated material wrap is omitted.
Brushes: shall be packaged Method III of MIL-P-116 in a packaging bag conforming to Type I, Class B, Style 2 of MIL-B-117. Closure shall be accomplished by heat sealing.
Magazines: shall be packaged Method 1 C-3 of MIL-P-116. Magazines shall be wrapped in VCI treated barrier material conforming to Type I, Class 1 or 2, Style C or D of MIL-P-3420 and placed in a packaging bag conforming to Type I, Class B, Style 2 of MIL-B-117. Closure shall be accomplished by heat sealing.
Holsters: shall be packaged Method 10-3 of MIL-P-116. Holsters shall be placed in a packaging bag conforming to Type I, Class B, Style 2 of MIL-B-117. Closure shall be accomplished by heat sealing.

3.3.2 Level B. Cleaning, drying, preservation and unit packaging shall be the same as specified for level A (see 3.3.1) except, Method 1 C-3 and 1 C-2 of MIL-P-116 shall be applied in lieu of Methods 1 A-8 and 1 A-15 of MIL-P-116 respectively. Packaging bags conforming to Type I, Class B, Style 2 shall be utilized in lieu of Type I, Class E, Style 1 of MIL-B-117.

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3.3.3 Level C. Cleaning, drying, preservation and unit packaging shall be the same as specified for Level B (see 3.3.2) except Method I shall be applied in lieu of Methods 1 C-3 and 1 C-2 of MIL-P-116.

3.4 Packing. Pistols and revolvers shall be packed Levels A, B or C as specified in the contract or order (see 6.1).

3.4.1 Level A.

3.4.1.1 A quantity of pistols or revolvers not to exceed two hundred pounds shall be packed in a box conforming to one of the following specifications:

PPP-B-585 - Class 3, Style 1, 2 or 3
PPP-B-601 - Overseas type
PPP-B-621 - Class 2
PPP-B-640 - Class 2

Closure and reinforcement shall be accomplished with the appendix to the applicable box specification.

3.4.2 Level B. Packing shall be the same as specified for Level A except boxes shall conform to one of the following specifications:

PPP-B-585 - Class I, Style 1, 2 or 3
PPP-B-601 - Domestic type
PPP-B-621 - Class 1
PPP-B-636 - Class Domestic
PPP-B-640 - Class 1

When fiberboard boxes, except PPP-B-640 are utilized, weight shall not exceed seventy pounds. For Army Level B shipments, use weather resistant containers.

3.4.3 Level C. Packing shall be the same as specified for Level B.

3.4.4 Palletized or containerized loads. When specified (see 6.1) exterior containers shall be palletized or unit packages shall be containerized in accordance with the requirements of MIL-STD-147.

3.5 Marking.

3.5.1 Interior packages and exterior shipping containers shall be marked in accordance with MIL-STD-129.

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3.5.1.1 Special marking. Special marking shall be as specified in the contract or order (see 6.1). NOTE: Canceled identification marking requirements apply to all shipments of pistols or revolvers within the continental United States (CONUS).

3.6 Pilot packages. Prior to quantity production, pilot unit packages consisting of the manufacturing models shall be forwarded to a testing agency designated by the procuring activity (see 6.1). The pilot packages shall be representative of material which has been inspected and determined to be acceptable.

3.7 Workmanship. Adequate controls shall be utilized to check for contamination of cleaning solvents and preservative oils. Heat seals shall be uniform in appearance. Void space in containers shall be of the practicable minimum.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

4.2 Quality assurance terms and definitions. Quality assurance terms and definitions used herein are in accordance with MIL-STD-109.

4.3 Quality conformance inspection.

4.3.1 Inspection lot. The formation, size, and presentation lots of pistols and revolvers shall be in accordance with MIL-STD-105. Inspection lots shall be as large as practicable consistent with available facilities and delivery schedules.

4.3.2 Examination.

4.3.2.1 Examination of packaging of pistols and revolvers shall be performed in accordance with the classification of defects and acceptable quality levels (AQL's) specified in 4.3.2.1.1. Packages opened for examination shall be repackaged by the contractor at the contractor's expense. Sample size shall be in accordance with MIL-STD-105, using inspection Level I. The following provisions shall apply:

a. The AQL's are specified as percent defective.

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b. An individual AQL is specified for each listed defect, not for a group of defects.
c. Examination for packaging defects specified in 4.3.2.1.1 shall apply to each item of the applicable sample of pistols, revolvers or packages, as applicable.

4.3.2.1.1 Classification of defects for packaging.

Categories	Defect	AQL
Critical:	None defined.	
Major:		
101	Illegible or incorrect marking (see 3.5).	1.0
102	Inadequate cleaning and drying (see 3.3.1.1 and 3.3.1.2).	1.5
103	Improper preservative application and drainage (see 3.3.1.3).	1.5
104	Improper cushioning and wrapping (see 3.3.1.4.1 and 3.3.1.4.2).	1.5
105	Improper closure of bags and interior packages (see 3.3.1.4).	1.5
Minor:		
201	Improper packing in exterior containers (see 3.4).	2.5
202	Improper closing and strapping of shipping containers (see 3.4).	2.5
203	Workmanship (see 3.7).	4.0

4.3.3 Testing.

4.3.3.1 Heat seal and leak test.

4.3.3.1.1 The sample of bagged weapons shall be taken and subjected to the heat seal and leak test for the applicable method in accordance with MIL-P-116.

5. PREPARATION FOR DELIVERY

NOT APPLICABLE

6. NOTES

6.1 Ordering data. Procurement documents should specify:

a. Title, number and date of this specification.
b. Level of preservation, packaging and packing (see 3.3 and 3.4).

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c. Palletized or containerized loads if required (see 3.4.3).
d. Special marking if required (see 3.5).
e. Shipping instructions for pilot pack (see 3.6).

Custodians:
Army - WC
Air Force - 84

Review activities:
Army - SM

User activities:
Navy - OS MC

Preparing activity:
Army - WC

Project number:
1005-0450

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SPECIFICATION ANALYSIS SHEET

Form Approved
Budget Bureau No. 22-R255

INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.

SPECIFICATION

ORGANIZATION

CITY AND STATE

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT ☐ SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

☐ YES ☐ NO *(If "yes", in what way?)*

4. REMARKS *(Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)*

SUBMITTED BY *(Printed or typed name and activity - Optional)*

DATE

DD FORM 1 JAN 66 1426

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.