

## **D-P-355a**

**September 16, 1964**

**SUPERSEDING**

**Int. Fed. Spec. D-P-00255 (ARMY-Ord)**

**December 7, 1961**

**(See 6.9)**

### **FEDERAL SPECIFICATION**

## **PISTOL, CALIBER .45, AUTOMATIC: M1911A1**

*This specification was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.*

### **1. SCOPE**

1.1 This specification covers one type of caliber .45 semiautomatic, recoil operated, magazine fed pistol used as a defensive hand weapon.

### **2. APPLICABLE SPECIFICATIONS, STANDARDS, DRAWINGS, AND (OTHER PUBLICATIONS)**

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

#### *Federal Specifications:*

PPP-B-585-Boxes, Wood, Wirebound.

PPP-B-801-Boxes, Wood, Cleated-Plywood.

PPP-B-621—Boxes, Wood, Nailed and Lock-Corner.

PPP-B-836 - Box, Fiberboard.

PPP-B-&10-Boxes, Fiberboard, Corrugated, Triple, Wall.

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

(Single copies of this specification and other product specifications required by activities outside the Federal Government for bidding purposes are available without charge at the General Services

Administration Regional Offices in Boston, New York, Washington, D. C., Atlanta, Chicago, Kansas City, Mo., Dallas, Denver, San Francisco, Los Angeles, and Seattle, Wash.

(Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal specification and Standards from established distribution points in their agencies.)

#### **Military Specifications:**

MIL-P-116-Preservation, Methods of.  
MILW-13855-Weapons, Small Arms,  
General Specification for.

MIL-I-45607 — Inspection Equipment  
Supply and Maintenance of.

MIL-C-45662-Calibration System Re-  
quirements.

#### **Military Standards:**

MIL-STD-105-Sampling Procedures  
and Tables for Inspection by Attri-  
butes.

MIL-STD-109-Quality Assurance  
Terms and Definitions.

#### **Drawings:**

U.S. Army Weapons Command

C5503845-Markings, Slide.

C5520037-Gage, Firing Pin Indent

C73182889-Gage, Headspace.

C7318310-Gage, Headspace.

D5503843-Markings, Receiver.

F7265655-Pistol, Automatic Caliber  
.45, M1911A1

F7791193-Barrel.

IEL6113002-Index of Inspection Equip-  
ment Lists.

FSC 1005

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(Figures 1A, 1B, and 1C herein are reduced copies of Drawing F7265655 (8 sheets), and are for information purposes only.)

### *Publications:*

#### *U.S. Army Weapons Command*

LPDS-7265655-List of Packaging Data Sheets.

P7265655-Packaging Data Sheet for Pistol, Automatic, Cal .45, M1911A1.

(Figures 2A, 2B, and 2C herein are reduced copies of Packaging Data sheet P7265655 (3 sheets), and are for information only.)

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

### 3. REQUIREMENTS

**3.1 Initial production samples.** On each contract, samples of pistols and parts representing initial production shall be forwarded free on board (f.o.b.) carrier's equipment, wharf, or freight station at a specified city or shipping point at or near contractor's plant to a testing agency designated by the procuring activity (see 6.1). Samples shall be representative of material which has been inspected and determined to be acceptable. When level A or B packaging is specified, the production samples of pistols shall be contained in the pilot pack (see 6.1). The production sample of repair parts shall be packaged to the level specified in the contract and packed level C in accordance with the applicable packaging data sheet. Upon completion of testing agency inspection, samples may be commercially packaged and will be returned to the contractor for repackaging in accordance with procurement documents at the contractor's expense. The provisions for production samples will not apply to contracts for continuation orders with the same contractor for the pistols or parts being produced by the same manufacturing process.

**3.2 Materials and construction.** Pistols and parts shall conform to the materials and construction requirements specified herein and on drawings referenced on Drawing F7265655, and shall be in accordance with the applicable materials and construction provisions of Specification MIL-W-13855.

**3.3 Design.** Pistols and parts shall conform to the design specified herein and on drawings referenced on Drawing F7265655, and shall be in accordance with the applicable design provisions of Specification MIL-W-13855.

**3.3.1 Barrel.** The barrel shall be free of cracks and seams. The chromium plating shall be free of nodules, flaking, pits, Stripping, anode burns, and evidence of etched base steel. There shall be no machining, such as honing or grinding, after application of the chromium plating. Burs and sharp edges shall be removed from chamber edges and scratches or marks, occurring in a chamber which otherwise meets the surface toughness requirements, shall be permitted provided they do not cause marks on the case of a high-pressure test cartridge fired in the chamber. The barrel shall be so fabricated that when the pistol is completely assembled, the requirements for targeting and accuracy hereinafter prescribed shall be met.

**3.3.2 Barrel Bushing.** The barrel bushing shall assemble to and disassemble from the slide without the use of tools when the pistol is in battery position; and when assembled and locked to the slide, it shall retain the recoil spring group in the pistol.

**3.3.3 Barrel Link.** The barrel link shall be retained on the barrel lug by the link pin and shall move of its own weight throughout its full range of travel. It shall move the barrel into the locked and unlocked positions when the pistol is function fired or manually operated.

**3.3.4 Disconnecter.** The disconnecter shall move throughout its full range of travel

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when caromed downward by the slide or raised by action of the sear spring. It shall disengage the sear from the hammer when the trigger is pulled, and shall be disengaged from the sear by recoil of the slide when the pistol is function fired or manually operated.

3.3.5 *Ejector*. The ejector shall be retained on the receiver by the ejector pin and shall eject cartridge cases completely out of the pistol when the pistol is function fired or manually operated.

3.3.6 *Extractor*. The extractor shall be retained in the slide by the firing pin stop and shall extract cartridge cases from the barrel chamber when the pistol is function fired or manually operated,

3.3.7 *Firing pin and firing pin spring*. The firing pin and the firing pin spring shall be retained in the slide by the firing pin stop. The firing pin spring shall hold the firing pin to the rear of the face of the firing pin hole in the slide before the hammer is released for firing and shall retract the firing pin into the slide after firing.

3.3.8 *Hammer*. The hammer shall be retained in the receiver by the hammer pin, shall move without binding throughout its full range of travel under spring action, and shall be securely engaged by the sear in the half cock or full cock position when the pistol is function fired or manually operated.

3.3.9 *Lanyard loop*. The lanyard loop shall be fastened securely in the mainspring housing by the lanyard loop pin. There shall be no relative movement of these parts.

3.3.10 *Magazine assembly and magazine catch*. The magazine shall be free of dents, cracks, sharp edges, and other defects which may affect functioning of either the magazine or the pistol. The magazine follower and the magazine catch shall function without binding throughout their full range of travel under spring action. The magazine shall fit in the receiver and shall be retained

in place by the magazine catch. When the last round is fired, the magazine follower shall automatically position the slide tip to engage in the slide. When the magazine catch is depressed, it shall disengage the magazine and the magazine shall drop out of the receiver of its own weight

3.3.11 *Receiver assembly*. The receiver assembly shall be free of cracks and functioning surfaces shall be free of burrs and sharp edges. The plunger tube and the stock screw bushings shall be fastened securely to the receiver so that there shall be no relative movement

### 3.3.12 *Safeties*.

3.3.12.1 *Safety lock*. The safety lock shall function without binding when moved to the "safe" and "fire" positions when the hammer is in the full cock position, and shall be retained in either position by the safety lock plunger until reset manually. When the safety lock is in the "safe" position, it shall prevent rotation of the sear and the hammer and shall block rearward movement of the slide.

3.3.12.2 *Grip safety*. The grip safety shall function without binding through its full range of travel under spring action and shall be normally held and returned to the "safe" position by action of the sear spring. When the grip safety is in the "safe" position, it shall prevent rearward movement of the trigger.

3.3.13 *Sear Spring*. The sear spring shall be retained on the receiver by the mainspring housing and by spring action shall hold the grip safety in the "safe" position, position the disconnecter, return the trigger to the forward position, and rotate the sear to engage the hammer.

3.3.14 *Sights*. The front and rear sights shall be fastened securely to the slide so that there shall be no relative movement.

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3.3.15 *Slide*. The slide shall function without binding through its full range of travel on the receiver guide ways.

3.3.16 *Slide stop*. The slide stop shall move readily from one position to the other, and shall be held in either position by the slide stop plunger. The slide stop shall be capable of being positioned to hold the slide in the rearward position manually and automatically by the action of the magazine follower after the last round has been fired. The slide stop shall hold the slide in the rearward position until it is rotated manually to disengage it from the slide.

3.3.1 *Stocks*. Stocks shall be fastened securely on the receiver by the stock screws. There shall be no relative movement of these parts. The stocks shall be free of splits, cracks, or other defects which may affect appearance or serviceability.

3.3.18 *Trigger assembly*. With the magazine assembled to the pistol, the trigger assembly shall move through its full range of travel under spring action without binding and after partial or complete trigger pull it shall return to its normal forward position under spring action immediately upon release.

#### 3.3.19 *Pistol assembly*.

3.3.19.1 With the magazine removed from the pistol and the slide fully retracted, the hammer shall not release when the slide is released and allowed to move forward into battery position while the grip safety is depressed. After the slide is in battery position and the grip safety and the trigger are depressed, the hammer shall release.

3.3.19.2 With the hammer in full cock position, the slide retracted approximately one-fourth inch, and the trigger and grip safety depressed, the hammer shall not release when the slide is released and allowed to move forward into battery position.

3.3.19.2 With the hammer in full cock position, the slide retracted approximately one-fourth inch, and the trigger and grip safety

depressed, the hammer shall not release when the slide is released and allowed to move forward into battery position.

3.3.19.3 The hammer shall not release from the full cock position when the trigger is depressed without depressing the grip safety and while pushing forward on the hammer.

3.3.19.4 The hammer shall not release from the half cock position when the trigger and grip safety are depressed.

3.3.19.5 The hammer shall not go forward beyond the half cock position when the hammer is pulled back between the half cock and full cock position and then released.

3.3.19.6 The hammer shall not release from the full cock position when the trigger and the grip safety are depressed and the safety lock is in the "safe" position.

3.3.19.7 The hammer shall release from the full cock position when the safety lock and the grip safety are in the "fire" positions and the trigger is depressed.

3.3.20 *Headspace*. The headspace shall be as specified on the applicable drawing when tested as specified in 4.3.3.2 and 4.4.1.

3.3.21 *Trigger pull*. The trigger pull shall be free of creep and within 5-1/2 to 61/2 pounds when tested as specified in 4.3.3.3 and 4.4.2. Creep shall be interpreted to mean any perceptible movement between the time positive resistance is met and the hammer is released.

3.3.22 *Firing pin indent*. The firing pin indent shall be within 0.012 to 0.018 inch and it shall not be off center more than one-half the diameter of the firing pin striker point when tested as specified in 4.3.3.3 and 4.4.3.

3.3.2 *Interchangeability*. Unless otherwise specified on the drawings, all parts shall be interchangeable. Pistols and repair parts shall be capable of meeting the interchangeability tests specified in 4.3.3.4 and 4.4.4 (In nominal assembly operations there

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TABLE I. - *Malfunctions, nonacceptable conditions, and broken parts*<sup>1</sup>

Malfunctions and nonacceptable conditions	Number permitted in the reliability test	
	First 2,500 rounds	Second 2,500 rounds
Disconnecter fails to function	0	0
Failure of sear to release	0	0
Failure to extract	0	0
Failure to eject	1	0
Failure to close	0	2
Faulty trigger pull	0	No Penalty
Grip safety fails to function	0	0
Light blow	0	0
Magazine catch fails to function	0	0
Misfire	1	1
Pierced primers	1	1
Primers, setback	0	0
Safety lock fails to function	0	0
Slide stop fails to function	0	0
Uncontrolled fire	0	0
Other malfunctions and nonacceptable conditions	2	4
Broken or unserviceable parts	Number permitted in the reliability test	
	First 2,500 rounds	Second 2,500 rounds
Barrel lug, broken or burred	0	0
Extractor, broken or burred	0	0
Ejector, broken or burred	0	0
Firing pin hole, enlarged	0	0
Firing pin, broken	0	1
Link, broken	0	0
Locking lugs, chipped or burred (barrel or slide)	0	0
Springs, broken or set	0	0
Stock screws, loose	0	0
Other broken parts	1	2
Magazine failures		
Bent side walls	0	0
Bent or cracked lips	0	0
Failure to feed (due to follower)	0	1
Follower distorted	0	1
Inability to lead seven rounds	0	0
Other magazine failures	0	0

<sup>1</sup>When malfunctions are traceable to particular parts, it is permissible to replace such parts and record them as unserviceable, subject to limitations of table I. When it is definitely established by the Government representative that preciously recorded malfunctions are attributable to an unserviceable part, such malfunctions shall not be counted against the pistol being tested, provided that they occurred not more than 200 rounds prior to replacement of the unserviceable part. These 200 rounds shall have been fired with the unserviceable part. However, such malfunctions shall remain recorded and properly identified. An unserviceable part is one that causes malfunctions or impairs the safety of the weapon.

shall be no objections interposed to preferential assembly of parts provided that all parts are dimensionally acceptable.)

3.3.24 *High-pressure resistance.* Pistols shall be capable of withstanding the high-pressure resistance test specified in 4.3.3.1

and 4.4.5. Parts shall be free of cracks, seams, and other injurious defects after proof firing as evidenced by visual and magnetic particle inspection.

3.3.25 *Functioning.* Pistols shall operate without malfunctions or unserviceable parts when tested as specified in 4.3.3.1 and 4.4.6.

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### 3.3.26 *Targeting and accuracy.*

3.3.26.1 *Targeting.* At a range of 15 yards, at least 4 shots out of a series of 7 shots shall be within or cut the edge of a 3-inch diameter circle (sighting image), and the center of impact of the 7-shot group shall not be located more than 4 inches radially from the center of the sighting image when tested as specified in 4.3.3.1 and 4.4.7.

3.3.26.2 *Accuracy.* At a range of 15 yards, 7 consecutive shots shall be within or cut the edge of a 4-inch diameter circle when tested as specified in 4.3.3.1 and 4.4.7.

3.3.27 *Reliability.* Pistols shall be capable of passing a 5,000- round reliability test as specified in 4.3.3.5 and 4.4.8 with not more than the number of malfunctions, nonacceptable conditions, and unserviceable parts allowed in table I.

3.4 **Marking.** Each pistol shall be clearly marked in accordance with the applicable drawings and Specification MIL-W-13855.

3.5 **Workmanship.** Workmanship shall be in accordance with the requirements of Specification MIL-W-13855.

## 4. SAMPLING, INSPECTION, AND TEST PROCEDURES

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 as specified herein. Except as otherwise specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to 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.

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

4.2 **Initial Production sample inspection.** Inspection of initial production samples (see 3.1) and pilot pack (see 6.1) shall be performed at the designated testing agency. Production samples and pilot pack shall be subjected to the inspection specified herein and such other inspection as is necessary to determine compliance with the requirements of the contract.

### 4.3 **Inspection provisions.**

#### 4.3.1 *Inspection lot.*

4.3.1.1 *Pistols.* The number of pistols in an inspection lot shall be either 500 or one month's production, whichever is smaller. Pistols shall be assembled from lots of component parts that have met all inspection requirements specified herein. Reliability test lot size shall be as specified in 4.8.3.5.1.

4.3.1.2 *Parts and packaging.* The formation, size, and presentation of inspection lots of parts and packaging shall be in accordance with MIL-STD-105. Inspection lots shall be as large as practicable, in consideration of quality history, manufacturing conditions, and contractor's delivery schedule, and within the limitations of Specification MIL-W-13855.

#### 4.3.2 *Examination*

4.3.2.1 *Component parts and concurrent repair parts.* examination of component parts and concurrent repair parts shall be performed in accordance with the criteria specified in the contract (see 6.1). The contractor's examination of these parts shall be accomplished prior to their assembly into the end item or submission for acceptance as repair parts.

4.3.2.2 *Pistols.* Final examination of each pistol shall be performed after completion of all testing and just prior to preservation

and packaging. Each pistol shall be examined as specified below. Each step in the examination shall include a visual examination for proper cleaning and presence of the specified protective coating and to determine the general quality, completeness of manufacture, assembly, clarity and the legibility of markings, and workmanship. Pistols failing to meet the requirements shall be rejected.

#### 4.3.2.2.1 *Slide stop.*

(a) Manually examine the slide stop to determine compliance with 3.9.16.

#### 4.3.2.2.2 *Magazine assembly and magazine catch.*

(a) Visually and manually examine the magazine assembly and the magazine catch to determine compliance with 3.3.10.

#### 4.3.2.2.3 *Slide.*

(a) With the magazine removed from the pistol, manually examine the slide to determine compliance with 3.3.15.

(b) Visually examine for presence and legibility of the manufacturer's identification and part number markings on the slide (see Drawing C5503845).

#### 4.3.2.2.4 *Sights.*

(a) Manually examine the front and rear sights to determine compliance with 3.3.14.

#### 4.3.2.2.5 *Safety lock.*

(a) Manually examine the safety lock to determine compliance with 3.3.12.1.

#### 4.3.2.2.6 *Grip safety.*

(a) Manually examine the grip safety to determine compliance with 3.3.12.2.

#### 4.3.2.2.7 *Disconnecter.*

(a) Visually and manually examine the disconnecter to determine compliance with 3.3.4.

#### 4.3.2.2.8 *Barrel bushing.*

(a) Manually examine the barrel bushing to determine compliance with 3.3.2.

(b) Disassemble the barrel bushing, the recoil spring plug, and the recoil spring from the slide and visually examine the recoil spring to assure freedom of mutilations and cracked or broken ends

#### 4.3.2.2.9 *Barrel.*

(a) Disassemble the slide stop, the slide, and the barrel from the receiver and visually examine the barrel to determine compliance with 3.3.1.

(b) Visually examine the barrel for presence of proof and magnetic particle inspection marks (see Drawing F7791193).

#### 4.3.2.2.10 *Barrel link.*

(a) Visually and manually examine the barrel link to determine compliance with 3.3.3.

#### 4.3.2.2.11 *Extractor.*

(a) Visually and manually examine to determine proper retention of the extractor (see 3.3.6).

#### 4.3.2.2.12 *Firing pin and firing pin spring.*

(a) Visually and manually examine the firing pin and the firing pin spring to determine compliance with 3.3.7.

#### 4.3.2.2.13 *Ejector.*

(a) Visually and manually examine to determine secure retention of the ejector (see 3.3.5).

#### 4.3.2.2.14 *Stocks.*

(a) Manually examine the stocks to determine secure retention to the receiver (see 3.3.17).

(b) Disassemble the stocks from the receiver and visually examine to assure freedom of splits, cracks, and other defects (see 3.3.17).

#### 4.3.2.2.15 *Receiver assembly.*

(a) Visually and manually examine the receiver assembly to determine compliance with 3.3.11.

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(b) Visually examine the receiver for presence and legibility of serial number (see Drawing D5503843).

4.3.2.2.16 *Trigger assembly.*

(a) Manually examine the trigger assembly to determine compliance with 3.3.18.

4.3.2.2.17 *Sear spring.*

(a) Manually examine the sear spring determine compliance with 3.3.13.

4.3.2.2.18 *Hammer.*

(a) Manually examine the hammer to determine compliance with 3.3.8.

4.3.2.2.19 *Lanyard loop.*

(a) Manually examine the lanyard loop to determine compliance with 3.3.9.

4.3.2.2.20 *Pistol assembly.*

(a) Manually examine the pistol assembly for compliance with 3.3.19.1.

(b) Manually examine the pistol assembly for compliance with 3.3.19.2.

(c) Manually examine the pistol assembly to determine compliance with 3.3.19.3.

(d) Manually examine the pistol assembly to determine compliance with 3.3.19.4.

(e) Manually examine the pistol assembly to determine compliance with 3.3.19.5.

(f) Manually examine the pistol assembly to determine compliance with 3.3.19.6.

(g) Manually examine the pistol assembly to determine compliance with 3.3.19.7.

(h) Visually examine the pistol for presence of proof mark (see Drawing F-7265655).

4.3.2.2.21 Pistols which have passed all examinations after successful completion of testing shall be stamped by the contractor with the Department of Defense complete inspection approval stamp as specified on the applicable drawing. The Government representative will observe the stamping operation and control the stamps used for such stampings.

4.3.2.3 Packaging. Examination of packaging of pistols shall be performed in accordance with the classification of defects and acceptable quality levels (AQL's) specified in 4.3.23.1 (see 6.1). 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.

(b) An individual AQL is specified for each listed defect, not for a group of defects.

(c) Examination for packaging defects specified in 4.3.23.1 shall apply to each item of the applicable sample of pistols, interior packages, or exterior containers, as applicable.

4.3.2.3.1 Classification of defects for packaging. (Unless otherwise specified in each listed defect, the packaging requirements are specified on Packaging Data Sheet P7265655.)

Categories	Defect	AQL
Critical:	None defined.	
Major:		
101	Illegible or incorrect marking.	1.0
102	Improper location of marking.	1.0
103	Improper level of packaging for packing (see procurement documents.)	1.0
104	Inadequate cleaning and drying.	1.5
105	Improper preservative application and drainage.	1.5
106	Improper closure of bags and interior packages.	1.6
107	Improper cushioning and wrapping.	1.6
108	Improper closure lid strapping of shipping containers.	1.6
109	Improper packing in exterior container.	1.5
Minor:		
201	Workmanship (see 5.8).	4.0

4.3.2.3.2 Examination of packaging of repair parts shall be performed in accordance with the criteria specified in the contract (see 6.1).

**D-P-355a****4.3.3 Testing.**

4.3.3.1 *High-pressure resistance, functioning, and targeting and accuracy firing testing.* The contractor shall test each pistol for high-pressure resistance functioning and targeting and accuracy using the test methods specified in 4.4.5, 4.4.6, and 4.4.7 respectively. Pistols failing to meet any of the requirements shall be rejected.

4.3.3.2 *Headspace testing.* The contractor shall test each pistol for headspace using the test method specified in 4.4.1. Pistols failing to meet the requirements be rejected.

4.3.3.3 *Trigger pull and firing pin indent testing.* The contractor shall test a sample of ten pistols selected by the Government representative from each inspection lot for trigger pull and firing pin indent using the test methods specified in 4.4.2 and 4.4.3 respectively. Failure of any pistol in the sample to meet the requirement shall cause rejection of the represented lot

**4.3.3.4 Interchangeability testing.****4.3.3.4.1 In plant.**

4.3.3.4.1.1 *Pistols.* The contractor shall subject a sample of ten pistols selected by the Government representative from each inspection lot to interchangeability testing using the test method specified in 4.4.4.1.1. Pistols taken for interchangeability testing shall have been found satisfactory in all other examinations and test Test frequency may be reduced to not less than one test of ten pistols each month when a record of consistently satisfactory results has been established. The ten pistols shall be tested for and shall comply with the requirements for headspace, trigger pull, and firing pin indent before and after interchange of parts, using the test methods specified in 4.4.1, 4.4.2, and 4.4.3, respectively. In addition the pistols

shall be tested for functioning and targeting and accuracy requirements after interchange of parts using the test methods specified in 4.4.6 and 4.4.7. Hand refinement of parts will be allowed more than two pistols during interchange of parts provided that no part is altered beyond drawing requirements. No malfunctions shall be allowed in the functioning firing test and failure of not more than two pistol shall be allowed in the targeting and accuracy firing test. Pistols failing the targeting and accuracy test shall be corrected and tested by the constructor for targeting and accuracy requirements before they are returned to the represented lot for final acceptance Failure of the interchangeability test shall cause retest or rejection of the represented lot. At the discretion of the Government representative, an interchangeability retest may be allowed without reconditioning the lot of pistols. Failure in the retest shall cause rejection of the represent lot subject to reconditioning and further test as a reconditioned lot. A sample of 20 pistols from each retest or reconditioned lot shall be tested using the same procedure described above except that hand refinement and failure in the targeting and accuracy firing will be allowed on not more than four pistols.

4.3.3.4.1.2 *Concurrent repair parts.* The contractor shall subject at least two parts from each inspection lot of concurrent repair to the interchangeability test specified in 4.4.4.1.2. Failure of any part to meet the requirements shall be cause for rejection of the represented lot of parts subject to reconditioning and further test as a reconditioned lot. A sample of double the number of parts used in the original test shall be tested from each reconditioned lot using the test method specified in 4.4.4.1.2.

4.3.3.4.2 *Interplant.* When pistols are manufactured concurrently by more than one contractor, each contractor shall forward six pistols for the interplant interchangeability test specified in 4.4.4.2 (see

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6.1). The contractor will be informed of any failure of the pistols to meet prescribed requirements. Upon completion of testing agency inspection, samples may be commercially packaged and will be returned to the contractor for repackaging in accordance with procurement documents at the contractor's expense.

#### 4.3.3.5 *Reliability testing.*

4.3.3.5.1 *Lot size.* The first five reliability test lots shall each consist of 500 pistols or a month's production, whichever is smaller. When five successive lots meet the reliability requirements, the lot size shall be increased to 2,500 pistols or a month's production, whichever is smaller. When five successive lots of the increased lot size have met the reliability requirements the lot size shall be further increased to 5,000 pistols or a month's production, whichever is smaller. If rejection of a lot occurs at any time, the next smaller test lot size criteria shall be reinstated and the above procedure repeated in returning to the larger lot size.

4.3.3.5.2 *Procedure.* One pistol and ten magazines selected by the Government representative from each reliability lot shall be tested by the contractor for reliability using the test method specified in 4.4.8. The contractor shall provide replacement parts as required to complete the test. Failure of the pistol to meet the requirement shall cause retest or rejection of the represented lot. A retest of 2 other pistols and 20 magazines from the same lot shall be made, unless in the opinion of the Government representative the failure indicates serious defects in the item, in which case retest shall be made only if authorized by the procuring agency. Failure of any pistol in the retest to meet the requirements shall cause rejection of the represented lot subject to reconditioning and further test as a reconditioned lot. Prior to submission of a lot of pistols as a reconditioned lot, the cause of failure shall be determined and contractor correction shall be effected on all pistols of the

lot. Sample size and test methods for reconditioned lots shall be the same as for test.

4.3.3.6 *Certification.* For each inspection lot of pistols, the contractor shall provide the Government representative with a certified report of touch-up paint compliance with the applicable drawings.

4.3.3.7 *Component parts and concurrent repair parts testing.* Raw material testing, part testing, and certification shall be performed in accordance with the criteria specified in the contract (see 6.1). This will include chemical analysis and physical tests of materials, and tests of protective finish, heat treatment, bonding, and function of parts as applicable. The contractor shall accomplish these tests prior to assembly of parts into the end item.

#### 4.3.3.8 *Packaging testing.*

##### 4.3.3.8.1 *Pistols.*

4.3.3.8.1.1 The contractor shall furnish the Government representative with certification that the packaging materials conform to the applicable packaging data sheets and specifications.

4.3.3.8.1.2 *Determination of cleanliness testing.* The contractor shall test items from each inspection lot for determination of cleanliness using the test method specified in 4.4.9.1. Sampling shall be in accordance with the Specification MIL-P-116.

4.3.3.8.1.3 *Heat seal and vacuum retention testing.* The contractor shall test level A unit packages from each inspection lot for heat seal and vacuum retention using the test methods specified in 4.4.9.2 and 4.4.9.3 respectively. Sampling shall be in accordance with Specification MIL-P-116.

4.3.3.8.2 *Repair parts.* Testing of packaging of repair parts shall be performed in accordance with the criteria specified in the contract (see 6.1).

**D-P-355a****4.3.4 Inspection equipment.**

4.3.4.1 Unless otherwise specified in procurement documents (see 6.1), responsibilities for acquisition, maintenance, and disposition of measuring and testing equipment prescribed on lists contained on the Index of Inspection Equipment Lists, Drawing IEL6113002, and for all other inspection equipment required to perform inspection prescribed by applicable specifications, shall be in accordance with Specifications MIL-I-45607 and MIL-C-5662.

4.3.4.2 Unless otherwise specified in procurement documents copies of drawings of contractor designed inspection equipment shall be forwarded to Commanding Officer, Springfield Armory, ATTN: SWESP-QAE, Springfield, Massachusetts 01101 (see 4.4.2, 4.4.5, 4.4.6, 4.4.7, 4.4.8, and 6.1).

4.3.4.3 Unless otherwise specified in procurement documents, Government standard caliber .45 high-pressure test cartridges shall be used in the high-pressure resistance test and ball cartridges shall be used in all other firing tests (see 6.1).

**4.4 Test methods.**

4.4.1 *Headspace test.* Pistols shall be gaged for headspace requirement (see 3.8.20) after proof firing, prior to acceptance, using the inspection equipment in accordance with Drawings C73131289 and C7318310. The Pistol shall be held in a horizontal position, the gage inserted in the barrel chamber while the slide is held open, and the slide manually returned to battery position. The minimum gage and the maximum gage shall be used on each pistol. When the minimum gage is used the slide shall fully close and when the maximum gage is used the slide shall not fully close. Only light finger pressure shall be applied to the slide during this test.

4.4.2 *Trigger pull test.* Pistols shall be tested for trigger pull requirement (see 3.3.21) using inspection equipment of the

contractor's design (see 4.3.4.2). An empty magazine shall be fully inserted in the pistol, the hammer shall be brought to the full cock position by fully retracting the slide, the safety lock shall be in the "fire" position, and the grip safety shall be fully depressed when the load is gradually applied at the middle of the trigger bow and exerted in a line parallel to the axis of the barrel bore. When the minimum load is applied the hammer shall not release and when the maximum load is applied the hammer shall release. The hammer shall be recocked by fully retracting the slide each time after a load is applied. The trigger pull shall also be tested for creep by applying pressure manually to the trigger at a uniform rate of increase over a period of not less than 3 seconds.

4.4.3 *Firing pin indent test.* Pistols shall be tested for firing pin indent requirement (see 3.3.22) using the inspection equipment in accordance with Drawing C5520037. The pistol shall be held in a horizontal position (approximately) and the holding fixture containing the copper compression cylinder shall be inserted in the barrel chamber while the slide is held open. The slide shall be manually returned to battery position and the trigger pulled to release the hammer. The indent shall be taken on three compression cylinders for each pistol. The indent shall be computed by measuring the distance from the original surface of the cylinder (before indentation) to the bottom of the firing pin impression. The average of the three indents shall be computed and the resulting value shall be the basis for acceptance or rejection. The location of each indent shall not be off center more than one-half the diameter of the firing pin striker point as evidenced by visual examination.

**4.4.4 Interchange of parts.****4.4.4.1 In plant.**

4.4.4.1.1 *Pistols.* Pistols shall be tested for interchange of parts (see 3.3.23) by disassembling and then reassembling parts using

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the parts and pm-arranged system specified below. Interchange of parts shall be accomplished by dividing the parts of each pistol into 10 groups of nonmating parts as shown below and distributing the groups into 10 different trays until each tray contains parts for a complete pistol. Groups of parts from the first pistol shall be taken in order and placed in trays 1 through 10: groups of parts from the second pistol shall be taken in order and placed in trays 2 through 10 to 1 groups of parts from the third pistol shall be taken in order and placed in trays 3 through 10 to 2: etc. Commercial parts such as screws, spring pins, etc., shall be placed in the same tray as their mating or associate part. Any commercial part rendered unserviceable by disassembly shall be replaced without penalty to the interchangeability test. The pistols shall be reassembled using only those parts which are in the same tray.

*Groups of mm-mating parts.**Group I*

Mainspring (5013208)  
 Plug, recoil spring (5013201)  
 Receiver assembly (6508389)  
 Retainer, housing pin (5013213)

*Group II*

Disconnecter (6008603)  
 Link, barrel (5013198)  
 Screw, stock (6019023) (4 required)  
 Slide assembly (7790353)

*Group III*

Housing, mainspring, assembly (5564058)  
 Sear (7268068)  
 Spring, firing pin (5013204)  
 Spring, magazine catch (5013217)

*Group IV*

Cap, mainspring (5013209)  
 Extractor (6008598)  
 Magazine assembly (5508694)  
 Plunger, slide stop (5013193)

*Group V*

Barrel (7791193)  
 Pin, ejector (5013203)  
 Pin, firing (6008599)  
 Pin, mainspring housing (5013212)  
 Spring, plunger (5013194)

*Group VI*

Lock, magazine catch (5013218)  
 Plunger, safety lock (5013195)  
 Spring, gear (6008602)  
 Stock, left hand (5564068)  
 Stock, right hand (5564062)

*Group VII*

Bushing, barrel (8008596)  
 Hammer (5508839)  
 Stop, slide (6008595)  
 Trigger assembly (6147780)

*Group VIII*

Pin, hammer strut (5013207)  
 Pin, sear (5013211)  
 Safety, grip (6501828)  
 Stop, firing pin (5013205)

*Group IX*

Lock, safety (5503840)  
 Pin, barrel link (5013199)  
 Spring, recoil (5013200)  
 Strut, hammer (6008600)

*Group X*

Catch, magazine (6008609)  
 Guide, recoil spring (6008597)  
 Pin, hammer (5013206)  
 Pin, mainspring cap (5013210)

4.4.4.1.2 *Concurrent repair parts.* Concurrent repair parts shall be tested for interchangeability requirement (see 3.3.23) by disassembling two pistols, previously tested in 4.3.3.4.1.1, as necessary and then reassembling them using the concurrent repair parts. No hand refinement of parts will be allowed, and the pistols shall operate and function properly. This test may be performed independently of the pistol interchangeability test specified in 4.3.3.4.1.1 and at more frequent intervals using accepted pistols taken from current production.

4.4.4.2 *Interplant.* Pistols to be subjected to the interplant interchangeability test shall be given preliminary hand functioning to assure proper operation before parts are disassembled from the pistol: The pistols shall be tested for headspace, trigger pull, and firing pin indent requirements before and

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after interchange of parts using the test methods specified in 4.4.1, 4.4.2, and 4.4.3 respectively. In addition, the pistols shall be tested for function and targeting and accuracy requirements after interchange of parts using the test methods specified in 4.4.6 and 4.4.7 respectively. Pistols shall be interchanged in a manner similar to the detailed plan specified in 4.4.4.1.1 except that parts shall be divided into six groups and that when disassembling, every other pistol shall be one produced by a different manufacturer.

**4.4.5 High-pressure resistance (proof-firing) test.** Pistols shall be tested for high-pressure resistance requirement (see 3.3.24) by firing one Government standard high-pressure test cartridge in each pistol. Proof firing shall be accomplished with the pistol held in a fixture simulating hand firing, and having a protective shield of the contractor's design (see 4.3.4.2). After proof firing pistols shall be visually examined for cracks, deformation, and other evidence of damage and cartridge cases shall be visually examined for bulges, splits, rings, and other defects caused by defective barrels. The barrel and slide of each pistol shall be magnetic particle inspected as prescribed on the applicable drawings after proof firing, prior to acceptance, for evidence of cracks, seams, and other injurious defects. Proof marks and magnetic particle inspection marks shall be applied as indicated on the applicable drawings on pistols that have passed this test.

**4.4.6 Functioning firing test.** The pistols shall be tested for functioning requirement (see 3.3.25) by firing seven rounds of ammunition from a fully loaded magazine. Function firing shall be accomplished with the pistol held in a fixture simulating hand firing of the contractor's design (see 4.3.4.2). The magazine used shall be one to be shipped with the pistol. The first three rounds shall be fired slowly (each shot being deliberately spaced at approximately 2 second intervals); and the last four rounds shall be fired in rapid succession.

**4.4.7 Targeting and accuracy firing test** The pistols shall be tested for targeting and accuracy requirement (see 3.3.26) by firing seven rounds of ammunition from a fully loaded magazine with the pistol sights aligned at 6 o'clock on the sighting image. Targeting and accuracy firing shall be accomplished with the pistol held in a fixture of the contractor's design (see 4.3.4.2). The target shall then be checked to determine whether the targeting and accuracy requirements have been met.

**4.4.8 Reliability test.**

**4.4.8.1** Pistols shall be tested for reliability requirement (see 3.3.27) by firing 5,000 rounds of ammunition. Firing shall be accomplished with the pistol held in a fixture simulating hand firing of the contractor's design (see 4.3.4.2). Firing shall be in series of approximately 500 rounds using fully loaded magazines whenever possible. The first series shall be fired slowly (each shot being deliberately spaced at approximately 2 second intervals); and the remaining series shall be fired slowly or in rapid succession at the discretion of the Government representative.

**4.4.8.2** The pistol shall be cleaned and oiled after each series of approximately 500 rounds and at the close of each day's firing the pistol shall be protected against corrosion. No parts shall be altered and only parts broken or worn to the extent that they are unserviceable shall be replaced.

**4.4.8.3** A complete record shall be kept for each reliability test, showing each malfunction and part replacement including the number of the round at which each occurred.

**4.4.8.4** The entire 6,000 rounds shall be fired in the initial pistol from each lot regardless of the number of malfunctions or unserviceable parts.

**4.4.8.5** Upon completion of the endurance test, the contractor may recondition the test

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pistols. Reconditioned pistols shall meet all of the requirements of this specification. Test pistols not suitably reconditioned shall be scrapped.

### 4.4.9 *Packaging tests.*

4.4.9.1 *Determination of cleanliness.* The applicable surfaces (except for barrel bore and chamber) of each sample unit shall be subjected to the determination of cleanliness test in accordance with Specification MIL-P-116. The barrel bores and chambers shall be wipe tested for cleanliness using clean white bore cleaning swabs and the degree of cleanliness shall be verified by comparison of test swabs with standard swab samples furnished by the contracting officer.

4.4.9.2 *Heat seal.* The level A sample unit packages shall be subjected to the heat seal test specified in Specification MIL-P-116.

4.4.9.3 *Vacuum retention test.* The flexible barrier of the sample level A pistol unit packages shall be sealed except for an opening in the seam at one corner to accommodate a tube or pipe which is connected to a vacuum producing apparatus (aspirator or vacuum pump). A sufficient vacuum shall be drawn to cause the flexible barrier to cling snugly to the enclosed item. Care shall be exercised to insure that an excessive remount of vacuum is not applied which might cause puncture or rupture of the barrier. Without releasing the vacuum, the final opening in the barrier shall be sealed.

4.4.9.3.1 *Interpretation of results.* After remaining undisturbed at room temperature for two hours, the barrier shall be examined to determine whether it is still taut and retracts against the item when drawn away and quickly released.

## 5. PREPARATION FOR DELIVERY

5.1 **Pilot pack.** When level A or B packaging is specified, the initial production samples shall be unit packaged in accordance

with level A or B requirements as applicable and packed in accordance with level C requirements of Packaging Data Sheet P7265655 and shall be forwarded in accordance with 8.1.

**5.2 Preservation, packaging, packing, and marking.** Pistols shall be preserved, unit packaged, packed, and marked in accordance with the requirements of Packaging Data Sheet P7265655.

**5.3 Workmanship.** Adequate controls shall be utilized to check for contamination of cleaning solvents and preservative oils. Heat seals shall be uniform in appearance. Sealing tape shall be applied to boxes uniformly and shall adhere to joints and seams.

**5.4 Repair parts.** Repair parts shall be prepared for delivery in accordance with the applicable packaging data sheets listed on the List of Packaging Data Sheets, LPDS-7265655.

5.4.1 *Packaging data sheets.* Quantity of items per unit and intermediate package shall be as specified under "Logistics Data." All other logistic data are for informational uses only. Quantities of repair parts indicated for the exterior packs in the packaging data sheets are maximum, and the sizes of exterior packs indicated are for this maximum quantity. When repair parts are to be shipped in quantities less than the maximum quantity specified on the packaging data sheets, multi-packs of various repair parts shall be required. Multi-packs for level A repair parts shipment shall be within a maximum gross weight limitation of 200 pounds plus 10 percent, with shipping containers conforming to the following specifications :

PPP-B-585---Class 3

PPP-B-601---Style A. overseas type

PPP-B-621---Class 2. style 4

PPP-B-640---Class 2

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When the total multi-pack shipment volume is less than 3 cubic feet, or the shipment weight is less than 70 pounds a fiberboard box conforming to class 2 of Specification PPP-B-636 shall be used for level A shipments.

5.4.2 Multi-packs for levels B and C repair parts shipments shall be in lightweight economical containers capable of making a single trip shipment without damage to the contents and shall be acceptable by common carrier at the lowest rate.

**6. NOTES**

**6.1 Ordering data.** Purchasers should exercise any desired options offered herein and procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Lists of drawings and specifications pertinent to the pistol, showing applicable revision dates.
- (c) Inspection criteria for components (see 4.3.2.1, 4.3.2.3.2, 4.3.8.7, and 4.3.3.8.2).
- (d) Index of inspection equipment lists pertinent to the pistol, showing applicable revision dates.
- (e) Number of production samples required for tests (see 3.1).
- (f) That packages opened for examination shall be repackaged by the contractor at the contractor's expense (see 4.3.2.3).
- (g) Shipping instructions for production samples and pilot pack (see 3.1 and 5.1).
- (h) Shipping instructions for drawings of contractor designed inspection equipment if other than specified (see 4.3.4.2).
- (i) Selection of applicable levels of preservation, packaging, and packing.
  - (1) Level B preservation and packaging is intended to provide

adequate and economical protection during multiple domestic shipments, handling, and indoor storage period up to 12 months from date of initial packaging (see 6.2).

- (j) Packaging Instructions for repair parts (see 5.4)
- (k) List of acceptance inspection equipment to be furnished the contractor (see 4.3.4.1) and responsibilities for other Government property to be furnished the contractor.
- (l) Place of final inspection and acceptance (see "Notes" in Specification MIL-W-13855).
- (m) Responsibilities for furnishing ammunition (see 4.3.4.3).
- (n) Shipping instructions for pistols and parts when an interplant interchangeability test is required (see 4.3.3.4.2).
- (o) Procedures and methods for demilitarizing and disposing of rejected material.
- (p) Disposition of Government furnished property.
- (q) Responsibility for test firing facilities and operating procedures (see 6.4).

**6.2 Storage surveillance.** Pistols preserved and packaged in accordance with level B requirements must be inspected to determine condition when not used within a one-year period. Pistols not used within this period should be represerved and repackaged in accordance with this specification as determined necessary by storage conditions and anticipated storage time.

**6.3 Transportation description.** Transportation description and minimum weights applicable to this commodity are:

*Rail:*

Firearms, not otherwise indexed by name (NOIBN).

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Carload minimum weight 24,000 pounds subject to Rule 34 of Uniform Freight Classification 6.

### Motor :

Firearms, not otherwise indexed (NOI).  
Truckload minimum weight 60,000 pounds subject to Rule 115 of National Motor Freight Classification A-6.

6.4 Test firing facilities and operating procedures should be designed by the contractor in conformance with local, state, and federal regulations and suitable for carrying out prescribed firing tests with safety of operating and visiting personnel. Copies of these contractor designs should be forwarded to the contracting officer. Government facilities may be viewed upon application to the contracting officer.

6.5 When action by a testing agency is required, work programing will be effected with the testing agency at the earliest practicable date.

6.6 To avoid delay in test firing, the Government representative should maintain a minimum of two months' supply of ammunition as determined by anticipated firing requirements.

6.7 Monthly reports of the results of final examination and functioning firing, accuracy, reliability, and interchangeability tests should be made to Commanding Officer, Springfield Armory, ATTN: SWESP-, RESE, Springfield, Massachusetts 01101,

and to Commanding General, U. S. Army Weapons Command, ATTN: AMSWE-QA, Rock Island, Illinois 61202.

6.8 The following paragraph should be included in the written contract to cover the type of quality assurance system that is desirable for this item:

*“Contractor's quality assurance system. The contractor shall provide and maintain a quality assurance system in accordance with Specification MIL-Q-9858 and Standard MIL-STD-643.”*

6.9 **Supersession data.** This specification includes the requirements Military Specification MIL-P-1297B, dated July 8, 1958.

### MILITARY CUSTODIANS :

Army-WC  
Navy—Weps  
Air Force-Wra

### Interest:

Army

Navy

Air Force

### Review

WC

Weps MC

84

### Preparing activity:

Army-WC

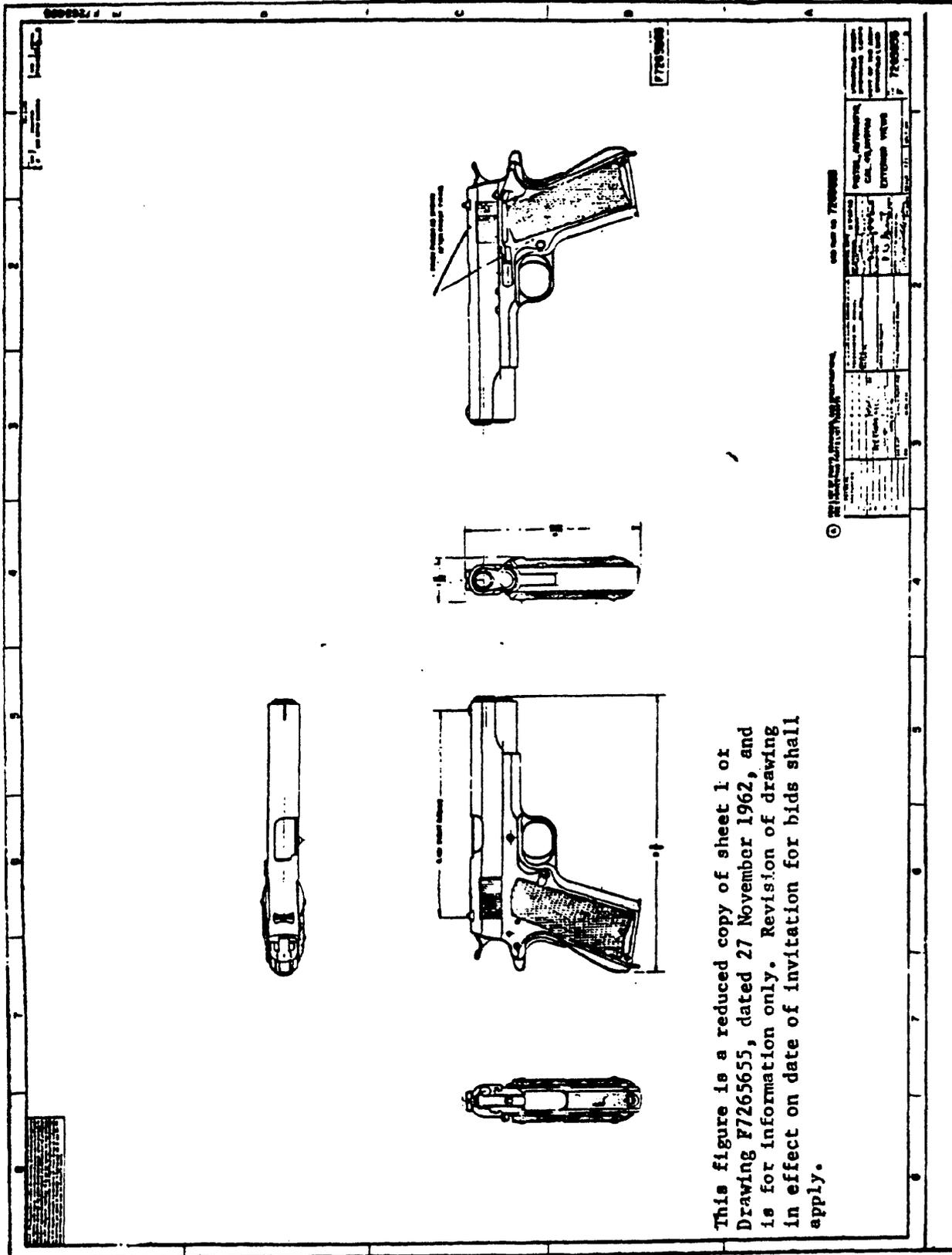
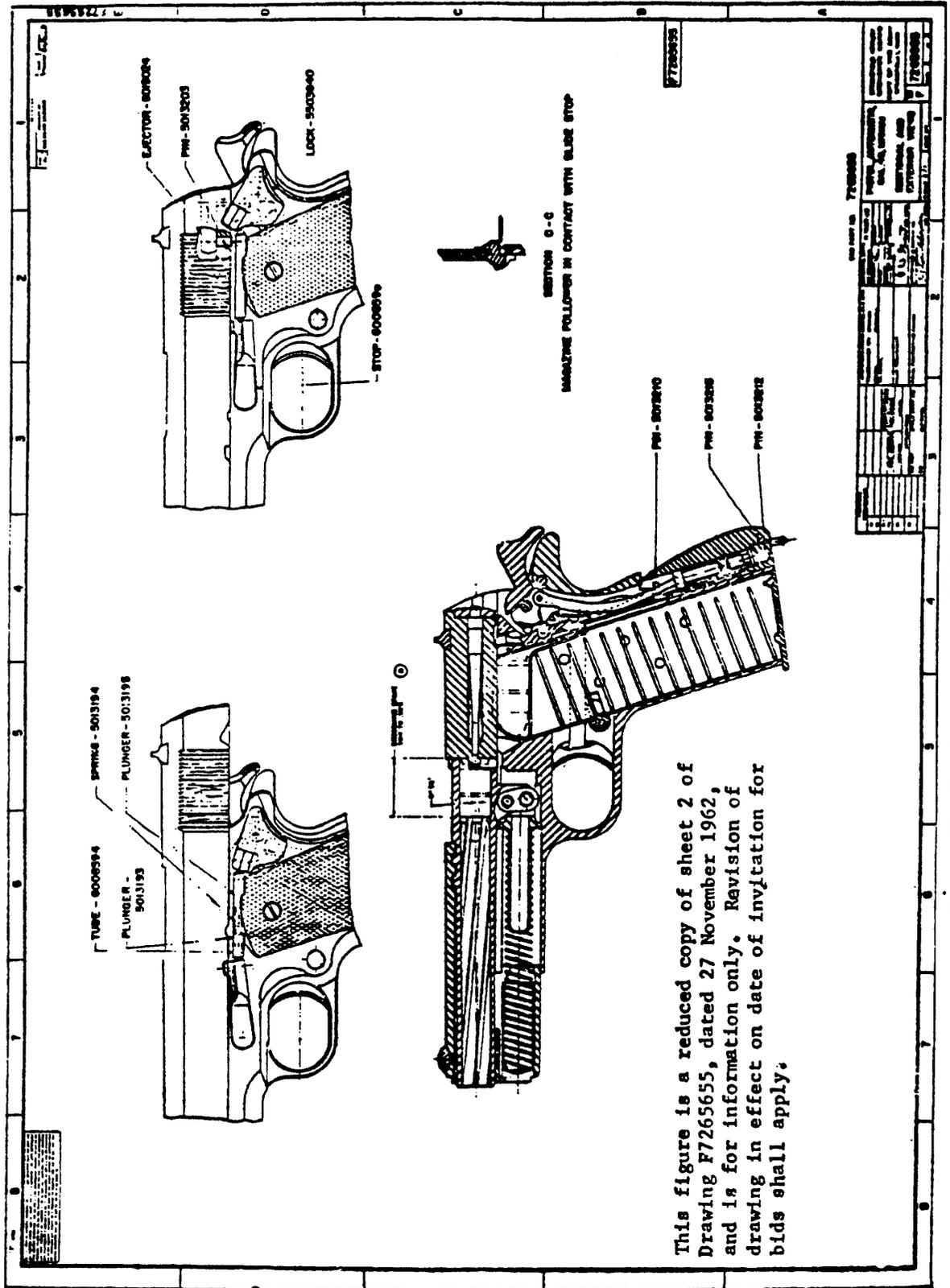


Figure 1A. Pistol, Automatic, Caliber .45, M1911A1

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This figure is a reduced copy of sheet 2 of Drawing F7265655, dated 27 November 1962, and is for information only. Revision of drawing in effect on date of invitation for bids shall apply.

Figure 1B. Pistol, Automatic, Caliber .45, M1911A1

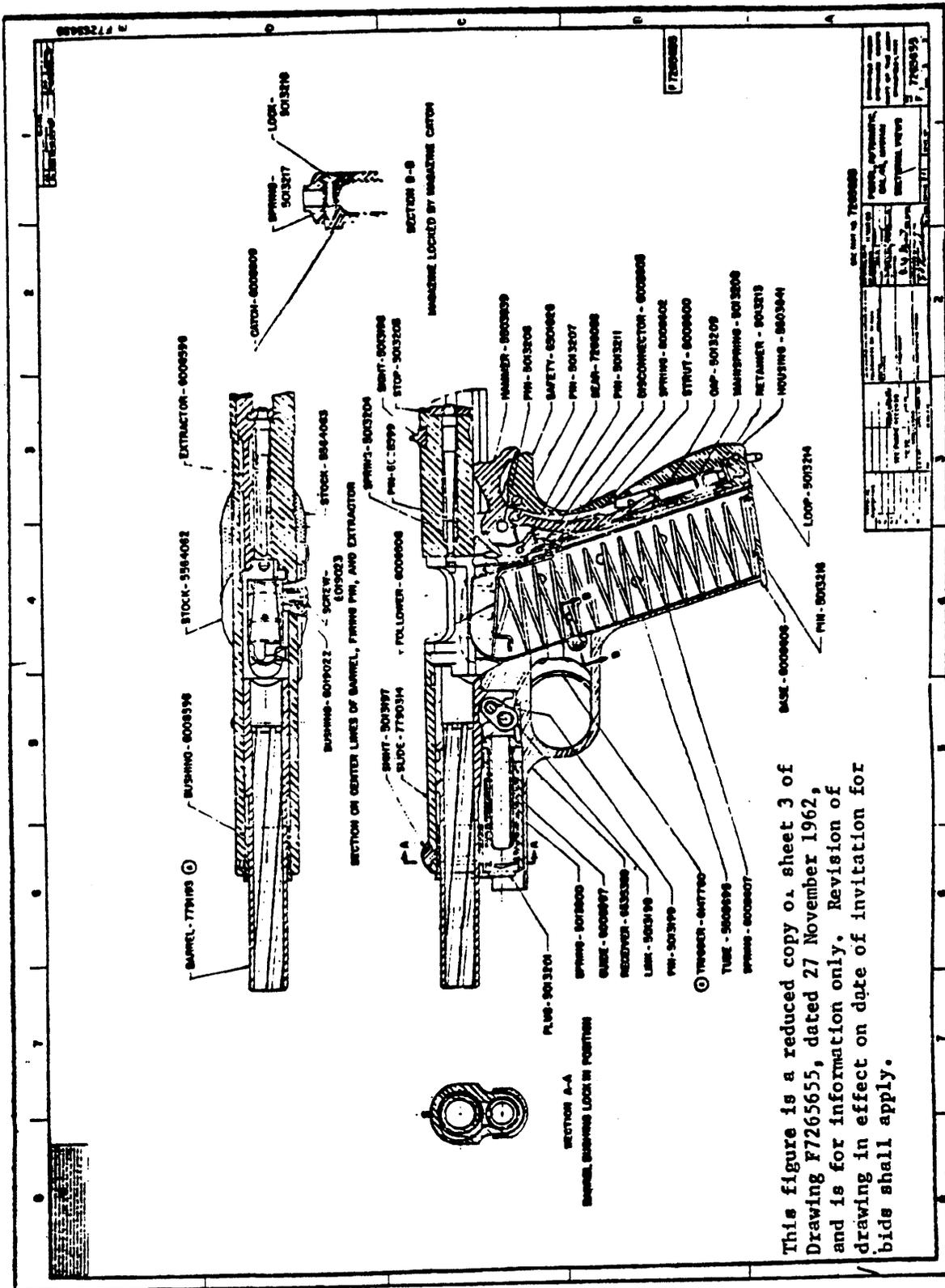


Figure 1C, Pistol, Automatic, Caliber .45, M1911A1

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FEDERAL STOCK NO.		FEDERAL STOCK NO.	
Pistol, Automatic, Cal. .45, M1911A1		1005-726-5655	
SHEET NO.		TECHNICAL SHEET NO.	
7265655		BI	
MATERIAL		MATERIAL	
STEEL AND PLASTIC		LEVEL B LIMITED MILITARY	
LOGISTICS DATA		LOGISTICS DATA	
ITEM	DESCRIPTION	QTY REQ	QTY SUP
1	3 3/4 x 1 1/2 x 8 5/8	2.9	.04
2	6 3/8 x 2.9 1/2	3.4	.07
3	5 x 20 1/4 x 11	200.	4.5
PACKAGING REQUIREMENTS		PACKAGING REQUIREMENTS	
1	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
2	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
3	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
4	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
5	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
6	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
7	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
8	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
9	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
10	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
11	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
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99	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316
100	MIL-STD-1316	MIL-STD-1316	MIL-STD-1316

This figure is a reduced copy of sheet 1 of Packaging Data Sheet P7265655, Revision A, dated 25 May 1962, and is for information only. Revision of packaging data sheet in effect on date of invitation for bids shall apply.

Figure 2A. Pistol, Automatic, Caliber .45, M1911A1

FEDERAL ITEM NAME PISTOL, AUTOMATIC, CAL. 45, M1911A1 COMPOSITION STEEL AND PLASTIC	PART NO. 7265655 WMC OR TEAM 01	FEDERAL STOCK NO. 1003-726-5655 TECH/WE STOCK NO.
PREPARATION FOR DELIVERY REQUIREMENTS FOR PISTOL, AUTOMATIC, CAL. 45, M1911A1  1. MATERIALS, METHODS, PROCESSES, AND PROCEDURES THE MATERIALS, METHODS, PROCESSES, AND PROCEDURES UTILIZED IN THE PREPARATION OF PISTOLS FOR SHIPMENT AND STORAGE SHALL BE AS SPECIFIED HEREIN. ANY DEVIATION FROM THE PROCESSES AND PROCEDURES SPECIFIED SHALL HAVE ORDNANCE CORPS ENGINEERING APPROVAL.  2. PRESERVATION AND PACKAGING  2.1 LEVEL A  2.1.1 CLEANING - THE PISTOL SHALL BE DISASSEMBLED AS NECESSARY, TO ACCOMPLISH THE REQUIRED CLEANING SPECIFIED HEREIN. UNLESS OTHERWISE SPECIFIED, ALL METALLIC SURFACES SHALL BE THOROUGHLY CLEANED BY PROCESS C-3 OF SPEC MIL-P-116. SURFACES OF PARTS SUBJECTED TO BURNED POWDER RESIDUES AND THE MAGAZINE SHALL BE SCRUBBED WITH A NON-METALLIC BRISTLE BRUSH SATURATED WITH RIFLE BORE CLEANER CONFORMING TO SPEC MIL-C-372 PRIOR TO CLEANING BY PROCESS C-3 OF SPEC MIL-P-116. THE BARREL BORES AND CHAMBERS SHALL BE SCRUBBED CLEAN WITH A SNUG FITTING PHOSPHOR BRONZE BRUSH SATURATED WITH RIFLE BORE CLEANER.  2.1.2 DRYING - ALL CLEANED SURFACES OF PISTOL AND MAGAZINE SHALL BE THOROUGHLY DRIED PRIOR TO PRESERVATION APPLICATION. DRYING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PROCEDURE D-1 OF SPEC MIL-P-116, EXCEPT THAT THE BARREL BORE, AND CHAMBER SHALL BE DRIED IN ACCORDANCE WITH PROCEDURE D-4 OF SPEC MIL-P-116 USING CLEAN DRY PATCHES.  2.1.3 PRESERVATION - THE SUPPLEMENTARY OIL FINISH (SPEC MIL-L-644) SHALL BE REAPPLIED TO THE CLEANED PISTOL PRIOR TO UNIT PACKAGING. THE PISTOL SHALL BE COMPLETELY DRAINED OF EXCESS OIL PRIOR TO REASSEMBLY AND PACKAGING. THE DRAINING POSITION SHALL BE CHANGED, AS NECESSARY, TO ACCOMPLISH THOROUGH DRAINAGE. THE VOLATILE CORROSION INHIBITOR (VCI) TREATED MATERIAL SHALL BE APPLIED AS SPECIFIED UNDER UNIT PACKAGE.  2.1.4 UNIT PACKAGE - THE PISTOL SHALL BE UNIT PACKAGED METHOD 1A-8 OF SPEC MIL-P-116 AND AS SPECIFIED HEREIN. THE FRONT SIGHT AND THE REAR SIGHT AND SAFETY LOCK SHALL BE CUSHIONED WITH STRIPS OF VCI TREATED MATERIAL CONFORMING TO STYLE D, TYPE 1, CLASS 1 OF SPEC MIL-1-3420 (1 X 7 INCHES FOR THE FRONT SIGHT AND 2 X 12 INCHES FOR THE REAR SIGHT AND SAFETY LOCK). EACH CUSHIONED PISTOL SHALL BE PACKAGED IN A VCI LINED BARRIER BAG CONFORMING TO DRAWING B7265932. THE INCLUDED AIR VOLUME OF THE BAG SHALL BE REDUCED TO A PRACTICAL MINIMUM PRIOR TO HEAT SEALING. THE PACKAGED PISTOL SHALL BE PACKAGED IN THE UNIT CONTAINER SPECIFIED ON SHEET 1.		
CONTINUATION SHEET FOR PACKAGING DATA SHEET SHEET 2 OF 3 PREPARING ACTIVITY DATE 24 MAY 61 SPRINGFIELD ARMOYRY DATE 25 MAY 62 REVISION A PACKAGING DATA SHEET NO. P 7265655A		

This figure is a reduced copy of sheet 2 of Packaging Data Sheet F7265655 Revision A, dated 25 May 1962, and is for information only. Revision of packaging data sheet in effect on date of invitation for bids shall apply.

Figure 2B Pistol, Automatic, Caliber .45, M1911A1

D-P-355a

FEDERAL ITEM NAME PISTOL, AUTOMATIC, CAL. .45, M1911A1	PART NO. 7265655	FEDERAL STOCK NO. 1005-126-5655
COMPOSITION STEEL AND PLASTIC	MIL BR CLASS BI	TECH/STC SYCH NO.
FINISH PHOSPHATED		
PREPARATION FOR DELIVERY REQUIREMENTS FOR PISTOL, AUTOMATIC, CAL .45, M1911A1		
2.2 LEVEL B		
2.2.1 CLEANING, DRYING, PRESERVATION SHALL BE AS SPECIFIED FOR LEVEL A.		
2.2.2 UNIT PACKAGE - THE PISTOL SHALL BE PACKAGED METHOD 1 OF SPEC MIL-P-116 AS SPECIFIED HEREIN. EACH PISTOL SHALL BE UNAPPED IN A SHEET OF VCI TREATED MATERIAL CONFORMING TO TYPE 1, CLASS 1, STYLE D OF SPEC MIL-I-3120, SIZE 12 X 12 INCHES. THE UNAPPED PISTOL SHALL BE PACKAGED IN THE UNIT CONTAINER SPECIFIED ON SHEET 1.		
2.3 LEVEL C		
THE PISTOLS SHALL BE CLEANED, DRIED, PRESERVED AND PACKAGED TO AFFORD PROTECTION AGAINST CORROSION, DETERIORATION AND PHYSICAL DAMAGE.		
3. PACKING		
3.1 LEVEL A AND B		
A MAXIMUM OF FIFTY UNIT PACKAGED PISTOLS SHALL BE PACKED IN A EXTERIOR CONTAINER AS SPECIFIED ON SHEET 1.		
3.2 LEVEL C		
PACKAGED PISTOLS SHALL BE PACKED SO AS TO AFFORD ADEQUATE PROTECTION AGAINST DAMAGE FROM SUPPLY SOURCE TO RECEIVING ACTIVITY.		
CONTINUATION SHEET FOR PACKAGING DATA SHEET		
PREPARING ACTIVITY SPRINGFIELD ARMOY	DATE 24 MAY 61	SHEETS 3
REVISION A	DATE 25 MAY 62	P 7265655A
PACKAGING DATA SHEET NO.	OF	SHEETS

This figure is a reduced copy of sheet 3 of Packaging Data Sheet P7265655, Revision A, dated 25 May 1962, and is for information only. Revision of packaging data sheet in effect on date of invitation for bids shall apply.

Figure 2C. Pistol, Automatic, Caliber .45, M1911A1