MILITARY SPECIFICATION

CASE, SMALL ARMS AMMUNITION; 30-ROUND

MAGAZINE (M-16 RIFLES)

1. SCOPE

1.1 This specification covers the requirements for one type and size ammunition case used as a unit of the lightweight individual clothing and load carrying equipment.

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 the specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

V-T-285	- Thread, Polyester.
UU-P-268	- Paper, Kraft, Untreated, Wrapping.
DDD-L-20	- Label, For Clothing, Equipage, And Tentage, (General Use).
PPP-B-636	- Box, Fiberboard.

MILITARY

MIL-W-4088	- Webbing, Textile, Woven Nylon.
MIL-T-5038	- Tape, Textile And Webbing, Textile, Reinforcing, Nylon.
MIL-H-9890	- Hardware, Individual Load Carrying Equipment And Hardware, Miscellaneous.
MIL-F-10884	- Fasteners, Snap.
MIL-E-20652	- Eyelet, Metallic, With Washers.
MIL-W-27265	- Webbing, Textile, Woven Nylon, Impregnated.
MIL-C-43375	- Cloth, Duck, Nylon, 12.5 Ounce.
MIL-F-43514	- Fastener, Plastic, For Equipage Items.

STANDARDS

FEDERAL

FED-STD-406	- Plastic, Methods Of Testing.
FED-STD-751	- Stitch, Seam, And Stitching.

MILITARY

MIL-STD-105	- Sampling Procedures And Tables For Inspection By Attributes.
MIL-STD-129	- Marking For Shipment And Storage.
MS27981	- Fastener, Snap, Style 2a (Small Wire Spring Clamp Type).

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DRAWINGS

MARINE CORPS

72C5000A0000	- Case, Small Arms Ammunition; 30-Round Magazine (M-16 Rifles) (Lincloe) Assembly.
72C5000A0001	- Case, Small Arms Ammunition, 30-Round Magazine (M-16 Rifles) (Lincloe) Assemblies And Sections.
72C5000A0002	- Case, Small Arms Ammunition, 30-Round Magazine (M-16 Rifles) (Lincloe) Patterns.

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

2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

AMERICAN SOCIETY FOR TESTING MATERIALS

D-747-63 - Test for Stiffness of Plastics by Means of a Cantilever Beam.

(Application for copies of publication should be addressed to the American Society for Testing Materials, 1916 Race Street, Philadelphia, Pa. 19103.)

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC.
National Motor Freight Classification

(Application for copies should be addressed to American Trucking Associations, ATTN: Tariff Order Section, 1616 P Street, N.W., Washington, D. C. 20036.)

UNIFORM CLASSIFICATION COMMITTEE
Uniform Freight Classification Rules

(Application for copies should be addressed to the Uniform Classification Committee, Room 202 Union Station, 516 W. Jackson Blvd. Chicago, Illinois 60606).

3. REQUIREMENTS

3.1 Samples. Samples are furnished solely for guidance and information to the supplier (see 6.3). Variations from the specification may appear in the sample, in which case the specification shall govern.

3.2 First article. Unless otherwise specified (see 6.2), before production is commenced, a first article consisting of the number of finished ammunition cases specified by the procuring activity (see 6.2) shall be submitted, or made available to the contracting officer or his authorized representative for approval. The approval of the first article authorizes the commencement of production, but does not relieve the supplier of responsibility for compliance with all provisions of the specification. The first article shall be manufactured by the supplier in the same facilities to be used for the manufacture of the production items.

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3.3 Materials

3.3.1 Cloth, duck, nylon. The 12.5 ounce nylon duck cloth shall conform to class 2 of MIL-C-43375. The color of the cloth shall be OG-106 to match the standard sample (see 6.3).

3.3.2 Tape, nylon. The nylon binding and reinforcement tape shall conform to type III, 1-inch width of MIL-T-5038. The color of the tape shall be OD-7 to match the standard sample (see 6.3).

3.3.3 Webbing, textile, woven nylon. The nylon webbing shall conform to MIL-W-4088 prior to treatment, type Ia for 3/4-inch webbing and type XXVIII for 2-1/4-inch webbing. The color shall be OD-7 to match the standard sample (see 6.3). Treatment of the webbings shall be in accordance with class R of MIL-W-27265.

3.3.4 Thread, polyester. The thread for all stitching shall be type I, class 1, subclass B of V-T-285. Sizes shall be as follows:

For all stitching except overedging, bartacking, binding and zig-zag.	Size F
For overedging, bartacking, binding and zig-zag.	Size E

The thread shall be dyed OD shade S-1 (Cable No. 66022) and shall show fastness to weathering equal to or better than the standard sample (see 6.3). If no standard sample is available, the thread shall show good fastness to weathering.

3.3.5 Keeper with slide. The keeper shall be steel, black, and shall conform to type X of MIL-H-9890.

3.3.6 Eyelet, aluminum. The aluminum eyelet shall conform to United Shoe Machinery Corporation size 1 Klondike or Edwin B. Stimpson Co., No. A 2744, or equal. Prior to use of the "or equal" item, the supplier shall submit the item to the contracting officer with supporting data for approval. The eyelet shall be given a semigloss black japanned finish (see Section 4, Table I). The coating shall level out to a uniform thickness without wrinkles, sags, drops, streaks, or areas of no film. The finish shall be sufficiently adherent to withstand the setting operation without flaking or loss of finish except in the score line.

3.3.7 Eyelets and washers. The eyelets shall be size No. 4094 and the washers shall be size No. 4096 conforming to style A of MIL-E-20652.

3.3.8 Snap fasteners. The snap fasteners shall be black finish, conforming to style 2A, finish 2, construction A, size 1 of MIL-F-10884 and part Nos. Button-1B, Socket-3B, Stud-4B, and Eyelet-5B of MS27981.

3.3.9 Fastener, plastic. The plastic fastener shall be black and shall conform to MIL-F-43514.

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3.3.10 Polyethylene stiffener. The stiffener shall be made from an unfilled, high density, virgin polyethylene material of natural color and shall be 0.40 ± 0.007 inch thick. The stiffener may be fabricated from sheet stock or molded to size; its surfaces shall be smooth with the edges free of any sharpness. The polyethylene material shall conform to the following minimum physical requirements when tested as specified in 4.2.2.

Property	Requirement (minimum)
Specific gravity	0.94
Tensile strength, pounds per square inch	2,800
Stiffness modulus, pounds per square inch.	50,000
Distortion under heat at 66 pounds per square inch fiber stress, degrees Fahrenheit	160

3.4 Design. The case shall be the U.S. Marine Corps design shown on Drawing Nos. 72C5000A0000 through 72C5000A0002.

3.5 Construction. The construction shall conform in all respects to Drawing Nos. 72C5000A0000 through 72C5000A0002 and as specified herein, except drill holes for location marking are prohibited.

3.5.1 Stitches, seams and stitchings. All seams and stitching, except bartacking, shall conform to FED-STD-751 as follows:

(a) For all stitching, except overedge stitching and zig zag stitching: type 301, 8 to 10 stitches per inch.
(b) For overedge stitching: type 503 or 504, 8 to 10 stitches per inch with 3/16 minimum gage.
(c) For zig-zag stitch: type 304, 10 to 12 stitches per inch.

3.5.1.1 Operations. Any of the stitching operations cited in Drawing Nos. 72C5000A0000 through 72C5000A0002 may be performed with an automatic machine provided the requirements for stitch pattern, stitches per inch, size and types of thread are met. At least three tying, overlapping or backstitches shall be used to secure the ends of stitching.

3.5.1.2 Thread lubrication. There shall be no lubrication of the thread prior to or during sewing (see Section 4, Table I).

3.5.1.3 Tacking and backstitching. Thread breaks and two or more consecutive skipped stitches or run-offs in type 301 stitching shall be overstitched not less than 1/2 inch back of the break. Ends of all stitching shall be backstitched or backtacked not less than 1 inch except where ends are caught in other seams and stitching. Thread tensions shall be maintained so that there will be no loose or tight stitching and the lock will be imbedded in the materials sewed.

3.5.1.4 Overedge stitching. Thread breaks in overedge stitching shall be overstitched not less than 3/4 inch beyond each break. Thread tensions shall be maintained so that there will be no loose or tight stitching.

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3.5.1.5 Bartacking. Bartacks shall conform to the following:

Length	Tolerance	Stitches per bartack
1/2 inch	±1/16 inch	28
3/4 inch	±1/16 inch	42

Bartacking shall be 1/8 ±1/32 inch wide and free from thread breaks and loose or tight stitching.

3.5.1.6 Zig-zag stitching. Ends of zig-zag stitching shall be gathered 5 to 6 stitches. Thread breaks shall be overstitched not less than 1/2 inch beyond each break. Thread tensions shall be maintained so that there will be no loose or tight stitching. Zig-zag stitching width shall be 3/16 ±1/32 inch.

3.5.1.7 Thread ends. All thread ends shall be trimmed 1/4-inch maximum length.

3.5.2 Fusing of nylon tape. All ends of nylon tape shall be fused after cutting.

3.5.3 Assembling of aluminum and brass eyelets.

3.5.3.1 Prepunching for aluminum and brass eyelets. The hole punched in the nylon material to receive the aluminum or brass eyelet shall be smaller than the outside diameter of eyelet barrel so that the barrel must be forced through the hole. Surfaces around hole edge shall be free of uncut thread ends.

3.5.3.2 Aluminum eyelet. The aluminum eyelet shall be installed using score setting dies conforming to J.C. Rhodes and Company part numbers 1-KW-1KL and 101Y-1KLOM, or equal.

3.5.3.3 Setting of brass and aluminum eyelets. The eyelet shall be securely set in a manner that will prevent detachment from, or cutting of, the surrounding material. The clinched portion of the eyelet shall be on the inside of the assembly.

3.5.4 Setting of metallic snap fastener. The holes punched before inserting the male or female part of the fastener shall be smaller than the outside diameter of the fastener tubes so that the tubes must be forced through the holes. The fasteners shall be securely clinched without cutting the material. Surfaces around the hole edge shall be free of uncut thread ends.

3.5.5 Setting of plastic fastener. Holes for assembling the fastener components shall be prepunched or predrilled and shall be smaller than the diameter of the posts of the latch and latch receptacle components so that the posts must be forced through the holes. Surfaces around the hole edge shall be free of uncut thread ends when prepunched and shall be free of melted residue when predrilled. The posts shall be securely set to provide a tight clinch of the assembled components.

3.6 Marking. The letters "US" shall be applied in the size characters and in the location indicated on Drawing No. 72C5000A0000 and shall conform to type IV, class 9 of DDD-L-20. Fastness of the class 9 marking shall be as specified for class 5 marking. The identification marking shall be applied in the location indicated on Drawing No. 72C5000A0002.

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3.7 Workmanship. The finished and assembled case shall conform to the quality and grade of product established by this specification. The occurrence of defects shall not exceed the applicable acceptable quality levels (AQL).

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 as 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 supplies and services conform to prescribed requirements.

4.1.1 Certificate of compliance. When certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

4.2 Inspection. Sampling for inspection shall be performed in accordance with MIL-STD-105 except when otherwise indicated herein.

4.2.1 First article inspection. When first article is required, inspection shall be performed on a completely fabricated case for conformance to all provisions of this specification.

4.2.2 Component and material inspection. In accordance with 4.1 above, components and materials shall be tested in accordance with all requirements of referenced specifications, drawings and standards unless otherwise excluded, amended, modified or qualified in this specification or applicable purchase document. In addition to testing provisions contained in subsidiary specifications, figures and standards, testing shall be performed on the components listed in Table I for characteristics noted. All test reports shall contain the individual values utilized in expressing the final results.

4.2.2.1 Sampling for testing. Unless otherwise specified in subsidiary specifications, sampling shall be in accordance with the following: The sample unit for the plastic stiffness shall be one 10-inch by 10-inch piece. The sample size (number of sample units) shall be as specified below. For lot average requirements, the lot shall be unacceptable if the lot average fails to meet the requirement specified herein. For sample unit requirements, the lot shall be unacceptable if one or more units fail to meet any requirement specified herein.

Lot size (lot units) 1/	Sample size (sample unit)
800 or less	2
801 through 22,000	3
22,001 and over	5

1/ The unit shall consist of two stiffners.

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Table I - Test methods

Component	Characteristic	Rqmt. para.	Test method	Requirement applicable to sample unit	Requirement applicable to lot avg.	Determinations per sample unit	Results reported as
Polyethylene stiffener	Identification	3.3.10	1/	--	-	-	-
	Thickness	3.3.10	Gage	X		1	Nearest 0.001 in.
	Specific gravity	3.3.10	5011 of FED-STD-406		X	2	Nearest 0.01
	Tensile strength	3.3.10	1011 of FED-STD-406 2/	X		5	Nearest 10 lb_f/in^2
	Stiffness modulus	3.3.10	ASTM-D-747-63 3/	X		5	Nearest 100 lb_f/in^2
	Distortion under heat	3.3.10	2011 of FED-STD-406 4/	X		1	Nearest 1°F.
Thread	Lubrication	3.5.1.2	1/	-	-	-	-
Aluminum eyelet	Finish	3.3.6	1/	-	-	-	-

1/ Acceptance of the requirements shall be made on the basis of a suppliers certificate of compliance.
2/ At 20 inches per minute cross head speed, type I specimen, 1/8 inch.
3/ Specimen 1/16 inch thick, 1/2 inch wide, 2 inch span, 4 inch pound moment load.
4/ The fiber stress load shall be 66 pound-force per square inch (lb_f/in^2) ±2.5 percent. The load shall be calculated from the following formula: $P = 11\ bd^2$.

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4.2.2.2 In-process inspection. Inspection shall be performed during the manufacture of subassemblies to ascertain that cut parts are in accordance with pattern part layout, and construction details and prepunched or predrilled hole procedures which cannot be examined in the finished product are in accordance with requirements specified herein. The Government reserves the right to exclude from consideration for acceptance any material or service for which in-process inspection has indicated nonconformance.

4.2.3 Examination of the end item. The end item shall be examined for the defects listed in 4.2.3.1, 4.2.3.2 and 4.2.3.3. The sample unit shall be one completely fabricated ammunition case.

4.2.3.1 General defects. General defects shall be classified as follows:

Examine	Defect	Classification Major	Minor
Fabric	a. Hole, cut or tear, smash, broken or missing yarn, or open place clearly visible at normal inspection distance (approximately 3 feet).	X	
	b. Shade bar, fine or coarse filling bar, abrasion mark.		X
Tape and webbing	a. Not firmly and tightly woven; edges frayed or scalloped.	X	
	b. Multiple floats.		X
	c. Any cut, hole, tear or smash.	X	
Tape	Abrasion mark, slub, broken end or pick.	X	
Webbing	Abrasion mark, slub, broken end or pick.		X
Metal hardware	a. Broken or malformed, failing to serve intended purpose, corroded area, burr, or sharp edge.	X	
	b. Finish omitted or not as specified.	X	
	c. Areas of no finish.		X
	d. Finish defects, i.e., objectionable orangepeel, wrinkle, drop, streak, thin film.		X
	e. Not assembled as specified.	X	
	f. Not specified type.	X	

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Examine	Defect	Classification Major	Minor
Eyelet	a. Clinched excessively tight, cutting surrounding material.	X	
	b. Insecurely clinched to a degree that eyelet may be detached from material.	X	
	c. Loosely clinched, causing eyelet to rotate around hole, set with washer on outside of support strap.		X
Eyelet, aluminum	a. Installed with scored side on outside of case.		X
	b. Not set with a scored setting.		X
Keeper, slide	a. Slide portion of keeper jams, failing to effect a secure closure.	X	
	b. Not inserted through channels in keeper retainer as indicated on drawing.	X	
Snap fastener	a. Any fastener not functioning properly, i.e. fails to snap closed, provide a secure closure or open freely.	X	
	b. Improper or insecure clinching.	X	
	c. Clinched excessively tight, cutting surrounding material.	X	
	d. Clinched loosely, permitting male components to rotate freely in the hole of the material.	X	
	e. Incorrect style.	X	

NOTES: a. Incomplete roll of end of cap tube is evidence of improper and insecure clinching. Fasteners evidencing incomplete roll will separate in use.

b. The fasteners shall be snapped and unsnapped twice to determine whether parts of fastener separate freely and also effect a secure closure.

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Examine	Defect	Classification Major	Minor
Plastic fastener	a. Not as specified.	X	
	b. Broken, cracked, chipped, or malformed, failing to serve intended purpose; burr, sharp edge or flash.	X	
	c. Not attached as specified.	X	
	d. Color and finish not as specified.		X
	e. Not functioning properly, failing to effect a secure closure or open freely.	X	
Polyethylene stiffner	a. Surface not smooth.	X	
	b. Sharp edges.	X	
Seams and stitching	a. Open seams:		
	1. 1/2 inch or less.		X
	2. More than 1/2 inch.	X	

NOTE: A seam shall be classified as open when one or more stitches joining a seam are broken, or when two or more skipped stitches or runoffs occur. On double stitched seams, a seam shall be considered open when either one or both sides of the seam are open.

	b. Overedge and zig-zag stitching not as specified.		X
	c. Raw edge (on edge required to be finished) more than 1/2 inch when securely caught in stitching.	X	

NOTE: Raw edge not securely caught in stitching shall be classified as an open seam.

	d. Runoff (see open seam).		
	e. Wrong seam or stitch type.	X	

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Examine	Defect	Classification Major	Minor
	f. Bartacks:		
	1. One or more bartacks omitted.	X	
	2. Any bartack not as specified or not in specified location.		X
	3. Number of stitches not as specified.		X
	g. Stitch tension:		
	Loose, resulting in a loosely exposed bobbin or top thread; tight, resulting in excessive puckering or fabric on seam.		X
	h. Stitches per inch (except on bartack):		
	1. Up to two stitches less than minimum specified.		X
	2. Three or more stitches less than minimum specified.	X	
	3. One or more stitches in excess of maximum specified.		X

NOTE: Variation in the number of stitches per inch caused by the operator speeding up the machine and pulling the fabric in order to sew over heavy places or heavy seams, or in turning corners shall be classified as follows:

	(a) Within the minor defect classification - no defect.		
	(b) Within the major defect classification - minor defect.		
	i. Thread break:		
	1. Backstitched or backtacked less than 1/2 inch (type 301 or 304).		X
	2. Overstitched less than 3/4 inch (overedge stitching).		X

NOTE: Thread break not backstitched or overstitched shall be classified as open seam.

	j. End of stitching (not held down by other stitching or turned under in a hem):		
	On stitch type 301:		
	1. Not backstitched or secured.	X	

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Examine	Defect	Classification Major	Minor
	2. Backstitched less than 1 inch, or not secured as specified (when stitching is performed on automatic machine).		X
	- On stitch type 304:		
	1. Not gathered as specified.		X
	k. Box stitching:		
	1. One row of stitching missing.		X
	2. Two or more rows of stitching missing.	X	
Components and assembly	**a. Any component part omitted or not as specified or required operation omitted (unless otherwise classified herein).**	X	
	b. One or more rows of stitching omitted (except on boxstitching).	X	
	c. Needle chews.	X	
	d. Any mend, darn, patch or burn.	X	
Binding	**Improperly or loosely applied, badly puckered.**	X	
Body	Not **one-piece construction or not constructed as specified on drawings.**	X	
Back	Edges of back at closing seams uneven with edges of sides by more than 1/16 inch.		X
Grenade retaining straps	**Snap fastener components not assembled, or positioned as specified.**	X	
Sliding keeper	**Not assembled as specified.**		X
Marking	**Omitted, illegible, incorrect or misplaced.**		X
Cleanness	Any spot or stain.		X

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Examine	Defect	Classification Major	Classification Minor
Thread ends	Not trimmed to 1/4 inch maximum length.		X

4.2.3.2 Fit test. Cases shall be fit against magazines. The following defects are applicable to cases which improperly fit the magazine.

Fit of magazines into case	Case too small, i.e., magazines fail to fit the case.
	Individual magazine flaps or outer case flap too short, causing inability to secure fasteners.

NOTE: Fit test shall be performed with three standard 30-round 5.56 caliber ammunition magazines for M-16 rifles. Three ammunition magazines shall be inserted into the case without effort and the individual magazine flaps (3 each) closed about each respective magazine by snapping the snap fasteners in a closed position without effort other than that necessary to insert the latch into the latch receptacle.

4.2.3.3 Examination for dimensions. Except for overall dimensions (finished dimensions of fabricated case), a dimensional determination shall be performed to ascertain that all dimensions including stitching margin and gage are in accordance with criteria specified in Drawing Nos. 72C5000A0000 and 72C5000A0001. Any dimension found that exceeds the applicable tolerance shall constitute a defect.

4.2.3.4 Inspection levels and AQL's. The inspection levels and AQL's expressed in defects per hundred units (DHU) shall be as follows:

	AQL	Inspection level
For 4.2.3.1		
Major	2.5 DHU	II of MIL-STD-105
Total Major and Minor	6.5 DHU	
For 4.2.3.2		
One class	0.65 DHU	S-3
For 4.2.3.3		
One class	10.0 DHU	S-3

4.2.4 Examination of preparation for delivery requirements. An examination shall be made to determine compliance with packaging, packing, and marking requirements of Section 5 of this specification. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully prepared for delivery with the exception that it need not be sealed. Defects of closure listed below shall be examined on shipping containers fully prepared for delivery. The lot size shall be the number of shipping containers in the inspection lot. The inspection level shall be S-2 and the AQL shall be 2.5 DHU.

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Examine	Defect
Marking (exterior and interior)	Omitted; incorrect; illegible; of improper size, location, sequence or method of application.
Materials	Any component missing. Any component damaged, affecting serviceability.
Workmanship	Inadequate application of components, such as incomplete closure of container flaps, improper taping, loose strapping, inadequate stapling. Bulged or distorted container.
Content	Number of interior packages is more or less than required. Number per interior package is more or less than required. For this defect, one interior package shall be examined from each container in the sample.

5. PREPARATION FOR DELIVERY

5.1 Packaging. Packaging shall be level A or C as specified (see 6.2).

5.1.1 Level A. Each case shall have all fasteners and keepers closed. Ten cases, each alternately reversed top to bottom, shall be evenly stacked and securely crosstied with cotton tape or twine to form a bundle measuring approximately 12-1/2 by 8 by 5 inches.

5.1.2 Level C. Cases shall be packaged to afford adequate protection against physical damage during shipment from the supply source to the first receiving activity. The supplier may use his standard practice when it meets this requirement.

5.2 Packing. Packing shall be level A, B, or C as specified (see 6.2).

5.2.1 Level A. One hundred and twenty (120) cases, packaged as specified in 5.1, shall be packed in a fiberboard shipping container conforming to style RSC-L, grade V2s of PPP-B-636. The inside of each fiberboard container shall be fitted with a taped box liner conforming to type CF, class weather resistant, variety DW, grade V15c of PPP-B-636. Level A packages shall be packed upright, four in length, three in width, and one in depth within a shipping container. Inside dimensions of each shipping container shall approximate 24-1/2 inches in length, 20-1/2 inches in width, and 12-1/2 inches in depth. Approximate dimensions are furnished as a guide only. Each container shall have the contents completely covered on the top and bottom with a sheet of 30-pound minimum basis weight kraft paper conforming to grade B of UU-P-268. Each shipping container shall be closed, waterproofed, and reinforced in accordance with the appendix of the container specification.

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5.2.2 Level B.

5.2.2.1 Method 1. One hundred and twenty (120) cases, packaged as specified in 5.1, shall be packed in a fiberboard shipping container conforming to style RSC-L, type CF (variety SW) or SF, class domestic, grade 275 of PPP-B-636. The inside of each fiberboard container shall be fitted with a taped box liner conforming to type CF, class domestic, variety DW, grade 275 of PPP-B-636. Level A packages shall be packed upright, four in length, three in width, and one in depth within a shipping container. Inside dimensions of each shipping container shall approximate 24-1/2 inches in length, 20-1/2 inches in width, and 12-1/2 inches in depth. Approximate dimensions are furnished as a guide only. Each container shall have the contents completely covered on the top and bottom with a sheet of 30-pound minimum basis weight kraft paper conforming to grade B of UU-P-268. Each shipping container shall be closed in accordance with method II as specified in the appendix of the container specification.

5.2.2.2 Method 2. When specified (see 6.2), the shipping container shall be a grade V3c, V3s , or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with the appendix of the container specification.

5.2.3 Level C. Cases, packaged as specified in 5.1, shall be packed in a manner to insure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. Containers shall be in accordance with Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable to the mode of transportation.

5.3 Marking. In addition to any special marking required by the contract or order, shipping containers shall be marked in accordance with MIL-STD-129.

6. NOTES

6.1 Intended use. The case covered by this specification is designed to accomodate three 30-pound ammunition magazines for M-16 rifles. Individual flap covers are provided for each magazine and provisions are made for attaching grenades. It is provided with a retaining strap to be attached to the suspenders, and two keepers with slide for attaching to the belt, individual equipment.

6.2 Ordering data. Purchaser should exercise any desired options offered herein, and procurement documents should specify the following:

6.2.1 Procurement requirements.

(a) Title, number and date of this specification.
(b) Whether first article is required (see 3.2).
(c) Number of cases in first article (see 3.2).
(d) Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
(e) When level B, method 2 packing is required (see 5.2.2.2).

6.2.2 Contract data requirements. Data conforming to Data Item Descriptions DI-R-4803, DI-R-4805, DI-T-4901, DI-T-4902, DI-T-4903 and DI-T-4904 will usually be required for delivery in connection with this specification. When so required, such data will be specified for delivery on a Form DD-1423 included in the contract.

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6.3 Samples and shade samples. For information regarding the availability of sample of the case and the standard shades specified, address inquiry to the procuring activity issuing the invitation for bids.

6.4 First article. Examinations, test and approval shall be as specified by the contracting officer (see 3.2).

6.5 Supersession data. This specification includes the requirements of Army Purchase Description LP/P DES 3-71 dated 2 March 1971 for Case, Small Arms Ammunition, 30-Round Magazine (M-16 Rifles)(Lincloe).

Preparing activity:
Navy - MC
Project No. 8465-N592

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POSTAGE AND FEES PAID

OFFICIAL BUSINESS

Commanding General (826)
Marine Corps Supply Activity
1100 South Broad Street
Philadelphia, Pennsylvania 19146

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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.

S/N-0102-014-1801 C-25254

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