

PPP-B 6650

November 1, 1972

SUPERSEDING

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Mil Spec MIL-B-19880A

July 1, 1963

## FEDERAL SPECIFICATION

BOXES, PAPERBOARD, METAL EDGED AND  
COMPONENTS

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

## 1. SCOPE AND CLASSIFICATION

1.1 Scope This specification covers the requirements for paperboard metal edged boxes, paperboard box blanks, metal handles and metal edge stay in coils (see 6.1)

1.2 Classification

1.2.1 Classes. Metal edged paperboard boxes covered by this specification shall be of the following classes (see 6.2).

- Class 1 - Domestic
- Class 2 - Water Resistant

1.2.2 Styles. Metal edged paperboard boxes covered by this specification shall be furnished in the following styles as specified (see 6.2 and figure 1).

- Style A - Full telescope.
- Style B - Partial telescope or shallow lid
- Style C - One piece, hinged lid
- Style D - One piece, hinged lid, telescope
- Style E - Neck or shoulder.
- Style F - One piece, hinged lid, drop front
- Style G - One piece, hinged lid, telescope, book style.
- Style H - Cut-away top case.
- Style J - Bin storage.

1.2.3 Special Requirements.

- 1. Dry goods - (see table II)
- 2. Documents (Archives), (see 3.4).
- 3. Bin storage - heavy duty.

1.2.4 Sizes - Style J. Style J boxes shall be furnished in the following stock sizes as specified (see 6.2). Dimensions for this style are outside dimensions with lids in place. A tolerance of + 1/16 inch will be permitted in the outside dimensions and inside depth of lid, provided such tolerance variations are compatible with related members of the box assembly

Size No	Length (inches)	Width (inches)	Depth (inches)	Inside dept of lid (inches)
1	14-1/4	12	9-3/4	1-3/4
2	14-1/4	12	4-7/8	1-3/4
3	14-1/4	6	4-7/8	1-3/4
4	14-1/4	6	3-1/4	1-3/4

## 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

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Federal Specifications:

PPP-B-585 - Boxes, wood, Wirebound  
PPP-B-591 - Boxes, Fiberboard, wood-Cleated  
PPP-B-601 - Boxes, wood, Cleated-Plywood  
PPP-B-621 - Boxes, Wood Nailed and Lock-Corner  
PPP-B-636 - Box, Shipping, Fiberboard  
PPP-B-640 - Boxes, Fiberboard, Corrugated, Triplewall

Federal Standard

Fed Std No 123 - Marking for Domestic Shipment (Civil Agencies)

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards and Handbooks as outlined under General Information in the Index of Federal Specification and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements is for sale on a subscription basis by the Superintendent of Documents U.S. Government Printing Office, Washington, DC 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, DC, Atlanta, Chicago, Kansas City, MO, Fort Worth, Denver, San Francisco, Los Angeles and Seattle, WA

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

Military Specifications:

MIL-L-10547 - Liners, Case and Sheet, Overwrap, Water-Vaporproof or Waterproof, Flexible

Military Standards

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes  
MIL-STD-129 - Marking for Shipment and Storage

(Copies of Military Specifications and Standards required by contractors 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 specified, the issue in effect on the date of invitation for bids or request for proposal shall apply

Technical Association of the Pulp and Paper Industry (TAPPI) Test Methods

T411os - 68 - Thickness (Caliper) of Paper and Paperboard  
T435ts - 52 - Hydrogen Ion Concentration (ph) of Paper Extracts  
T456ts - 49 - Wet Tensile Breaking Strength of Paper and Paperboard  
T807su - 66 - Bursting Strength of Paperboard and Liner Board

(Copies may be obtain from the Technical Association of the Pulp and Paper Industry, One Dunwoody Park, Atlanta, GA 30344

(Technical Society and Technical Association Specifications and Standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies )

National Motor Freight Traffic Association, Incorporated, Agent

## National Motor Freight Classification

(Application for copies should be addressed to the American Trucking Association Inc., Tariff Order Section, 1516 P Street, N.W., Washington, DC 20036.)

Uniform Classification Committee, Agent:

## Uniform Freight Classification.

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

## 3. REQUIREMENTS

3.1 Materials. Special staying equipment which is not within the scope of this specification is required for assembling these boxes. Since some Federal agencies have this equipment, paperboard box blanks, wire handles (for style J), metal edge stay or any combination thereof may be specified (see 6.2)

3.1.1 Paperboard

3.1.1.1 Class 1. Paperboard for Class 1 boxes shall meet the applicable requirements of table I or II.

3.1.1.2 Class 2. Paperboard for class 2 boxes shall meet the requirements of table III.

3.1.1.3 Adhesive. A moisture resistant adhesive shall be used when laminating two or more thicknesses of paperboard together to form a single board of the required thickness.

3.1.1.4 Coating. When specified (see 6.2) the outside of the paperboard shall be colored and treated with a non-reflecting coating.

3.1.1.5 Styles A, B, C, D and E. Paperboard for these boxes shall have a reclaimed fiber content of not less than 75 percent of the total weight of the paper stock. A minimum of 40 percent of the total weight of the paper stock shall be of reclaimed fibers from sources listed in Part I below. The remainder of reclaimed fibers shall be from sources listed in Part II.

PART I - Post-consumer wastes

(i) Paper, paperboard, and fibrous wastes from factories, retail stores, office buildings, homes, etc., after they have passed through their end-usage as a consumer item, including used corrugated boxes; old newspapers; old magazine, mixed waste paper, tabulating cards; and used cordage.

(ii) All paper, paperboard, and fibrous wastes that enter and are collected from municipal solid waste.

PART II - Manufacturing, forest residues, and other wastes.

(i) Dry paper and paperboard waste generated after completion of the papermaking process (i.e. those manufacturing operations up to and including the cutting and trimming of the paper machine reel into smaller rolls or rough sheets) including: envelope cuttings, bindery trimmings, and other paper and paperboard waste, resulting from printing, cutting, forming, and other converting operations, bag, box, and carton manufacturing wastes; and butt rolls, mill wrappers, and rejected unused stock.

(ii) Finished paper and paperboard from obsolete inventories of paper and paperboard manufacturers, merchants, wholesalers, dealers, printers, converters, or others.

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(iii) Fibrous by-products of harvesting, manufacturing, extractive, or wood-cutting processes, flax straw, linters, bagasse, slash, and other forest residues

(iv) Wastes generated by the conversion of goods made from fibrous material, i.e. waste rope from cordage manufacture, textile mill waste, and cuttings

(v) Fibers recovered from waste water which otherwise would enter the waste stream

3.1.1.6 Styles F, G and H. Paperboard for these boxes shall consist primarily of unbleached kraft fibers. It shall conform to the applicable requirements of Table I and 3.4

3.1.1.7 Style J Unless otherwise specified, paperboard used for style J shall be  $0.090 \pm 0.0045$  inch thick and shall have a minimum dry bursting strength of 580 p.s.i. and a minimum wet bursting strength of 250 p.s.i. when tested in accordance with 4.5.1. The color shall conform to 3.1.4

3.1.2 Metal edge stay Metal edge stay, a strip of metal eyelets, shall be manufactured of cold rolled steel coated on the exterior with lacquer and of the color as specified (see 6.2). The size of the stay shall be one of the following sizes as specified (see 6.2). The five-eighths inch stay is intended for use with paperboard of 0.03 to 0.05 inch thick except style F which utilizes 1 inch stay. One inch stay is intended for use with paperboard of 0.06 to 0.09 inch thickness.

3.1.2.1 Five-eighth inch stay The stay shall be  $5/8 \pm 1/64$  inch wide,  $0.008 \pm 0.005$  inch thick with 14 four prong eyelets per 2 inch length. When specified (see 6.2), the stay shall be in coils of approximately 330 linear feet.

3.1.2.2 One inch stay The stay shall be  $1 \pm 1/64$  inch wide,  $0.01 \pm 0.005$  inch thick with 8 four prong eyelets per 2 inch length. When specified (see 6.2), the stay shall be in coils of approximately 215 linear feet.

3.1.3 Handles The handles for style J boxes shall be constructed of corrosion resistant steel wire,  $0.120 \text{ inch} \pm 0.006 \text{ inch}$  in diameter, formed in accordance with figure 2.

3.1.4 Color - style J The exterior of the paperboard for the style J box shall match Marine Corp green semigloss (see 6.4). The exterior of the metal stay for this box shall be coated with green enamel matching the same color.

3.2 Construction. The assembled boxes shall consist of one or more paperboard box blanks with metal edge stay and wire handle (for style J). The stay shall be oriented and secured on box joints as indicated in figure 1 so that the maximum number of eyelets are applied as determined by 4.5.3. The stay shall be the minimum size for the strength requirement, except style F (see 3.1.2). The stayed joint of the assembled box shall be tested in accordance with 4.5.2.

3.2.1 Dimensions The first two dimensions for the box specified shall be the dimensions of the open face of the base; the larger dimension shall be known as the length and the lesser, the width. The remaining dimension of the box shall be the depth. All dimensions shall be inside measurements. Unless otherwise specified, a tolerance of  $\pm 1/16$  inch will be permitted for each dimension. The dimensions shall be specified in the following order - length, width, and depth.

3.2.1.1 Box blanks Paperboard box blanks shall be cut and scored to provide the required size and style of box. Scoring of paperboard shall be uniform and of such depth as to retain maximum board strength along the score line consistent with the proper forming of the box. Cutting of the surface of the paperboard along score lines is not permitted. Thumb notches shall be provided for styles A, C, D and G. For style B boxes, the depth of the lid shall be specified (see 6.2) in addition to the dimensions of the base. For style E boxes, the dimensions shall be inside measurements of the neck or collar; unless otherwise specified (see 6.2) lid and base shall be of equal depth and the sum of their depths shall equal the depth of the neck or collar of the inside depth of the box; the neck or collar shall extend to the bottom surface of the box and shall be provided with stays at the joints. When specified (see 6.2), style F boxes on the centerline of the end panel shown in figure 1 shall be provided with a pull hole  $1 \pm 1/16$

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inch in diameter located  $3/4 \pm 1/16$  inch from the bottom of the box, or a pull string. Style J box lids shall overhang a minimum of one inch when box is closed. Additional requirements for the style J boxes are as follows. The lid shall be scored 4 inches from one end across the short dimension (width). The sides of the lid shall be notched at this score to form a hinge as illustrated in figure 2. One of the ends of the base blank shall be die cut as illustrated in figure 2. The cut shall be centered so that the wire handle illustrated in figure 2, when inserted, shall be equidistant between the two sides, and when lying flat against the box shall be approximately 1/4 inch above the bottom of the box.

3.3 Box requirements. The boxes shall be constructed of paperboard conforming to roles I, II or III, as applicable.

Table I. Class 1 Paperboard in relation to box dimensions and weight of contents except for dry goods packaging. (see table II)

Weight of contents (pounds)	Size of container (cubic inches)	Minimum thickness (inch)	Minimum bursting strength (pounds per square inch)
5 or less	100 or less	0.030	150
over 5 to 10 incl.	over 100 to 600 incl.	0.040	200
over 10 to 20 incl.	over 600 to 900 incl.	0.050	250
over 20 to 30 incl.	over 900 to 1200 incl.	0.060	300
over 30 to 40 incl.	over 1200 to 2000 incl.	0.080	400

Table II. Class 1 Paperboard in relation to box dimension and weight of contents for dry goods\* packaging.

Weight of contents (pounds)	Size of container (cubic inches)	Minimum thickness (inch)	Minimum bursting strength (pounds per square inch)
7.5 or less	0-700	0.030	150
7.6 - 11.9	701-999	0.040	200
12 - 17	1000-1300	0.050	250

\*NOTE Dry goods shall include textiles, leather goods, web material or similar items.

TABLE III. Class 2 paperboard requirements

Property	Requirement
Thickness	$0.030 \pm 0.0015$
Basis weight (pounds per 1000 square feet)	$120 \pm 6$
Tensile strength	Dry    Wet
Min lbs./in width	
Cross direction	50    9
Machine direction	166   38
Bursting strength	
Min p s 1	150   36

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3.4 Hydrogen ion concentration (pH) for the Document (Archives) boxes The pH value of the paperboard used for the Document boxes, styles F, G and H shall be between 6.5 and 8.0, when tested in accordance with 4.5.1.

3.5 Identification markings

3.5.1 Styles A, B and E boxes shall be printed with the letter "L" on the surface of the lid and the letter "B" on one surface of the base.

3.5.2 When specified (see 6.2), the Federal Stock Number shall be printed on the inside surface of all boxes and the stock number shall be printed on the inside surface of the lids of styles A, B and E boxes.

3.5.3 For style J, the Federal Stock Number shall be printed on the outside surface of each lid and base blank. In addition, each lid and base blank shall be printed "Reusable Container".

3.6 Workmanship Assembled paperboard boxes, box blanks, metal edge stay and wire handles shall be manufactured in accordance with good commercial practice and shall be free from imperfections which may affect their utility.

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, 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 Sampling for inspection Sampling for inspection shall be performed in accordance with MIL-STD-105, except where otherwise indicated hereinafter.

4.2 Component and material inspection In accordance with 4.1 the supplier is responsible for insuring that the materials and components used were manufactured and inspected in accordance with requirements of referenced subsidiary specifications and standards to the extent specified herein or, if none, in accordance with this specification.

4.2.1 Certification The contractor shall certify in writing to the contracting officer or his representative that the material offered to the Government contains the minimum percentage of reclaimed fibers required by 3.1.5.

4.3 Sampling for inspection

4.3.1 Sampling for examination of appearance, workmanship, dimensions and construction For examination, a sample of items shall be selected in accordance with MIL-STD-105, inspection level S-2 with AQL of 4.0 percent defective from each lot of material offered.

4.3.1.1 Examination for defects in construction and dimensional defects and workmanship defects The sample unit shall be an assembled box, box blank(s) for one box, coil of metal edge stay or wire handle, as appropriate.

TABLE IV. Examination of end item or component

Assembled box or box blank(s)	Not class or style specified. Not color specified Metal edge stay not on joints as specified in 3.2 and figure 1 Size (length, width and depth) not as specified including a tolerance Features not as specified (see 3 2.1.1 and figure 1)
Handles (for style J)	Not corrosion resistant. Not size specified
Metal edge stay	Not cold rolled steel. Not color and coated as specified (see 3 1 2) Not thickness specified Not width specified More or less four prong eyelets than specified
Components	Not in coils when specified
Identification markings	Missing (as required by style) Not as specified (see 3 5)
Workmanship	Tears, scuffs, distortion, score lines ragged, broken Surfaces not clean, indentations, blisters, Lid, as applicable, not a snug fit. For assembled boxes, metal edge stay not attached securely

4.3.2 Sampling for tests. For tests, a sample shall be taken in accordance with MIL-STD-105 at inspection level S-2 with an AQL of 2.5 percent defective. The tests are described in 4.5.

4.4 Examination of preparation for delivery. An examination shall be made to determine whether the packaging, packing and marking comply with the requirements of section 5. Defects shall be scored as specified in table V. Sampling shall be in accordance with MIL-STD-105. The sample unit shall be the one container fully prepared for delivery. The lot shall be the number of containers offered for inspection at one time. The inspection level shall be S-2 with AQL of 4.0 expressed in terms of defects per hundred units.

TABLE V. Examination of preparation for delivery

Examine	Defects
Container	Not as specified.
Contents	Not as specified
Markings	Omitted; incorrect; illegible, improper size, location sequence or method of application
Materials	Component missing or damaged.
Workmanship	Bulging or distortion of containers; cushioning inadequate, improper or missing.
Closure	Not in accordance with applicable container specification

4.4.1 Examination of palletization. An examination shall be made to determine that palletization is in compliance with section 5. Defects shall be as indicated in table VI. The sample unit for this examination shall be one palletized unit load ready for shipment. The lot shall be the number of palletized unit loads submitted for inspection at one time. The inspection level shall be S-2 with an AQL of 4.0 expressed in terms of defects per hundred units.

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TABLE VI - Examination of Palletization

Examination	Defects
Finished dimensions	Length, width or height exceeds specified maximum requirements.
Palletization	Pallet pattern not as specified Interlocking or loads not as specified. Load not bonded with required straps specified
Weight	Exceeds maximum/load limits
Marking	Omitted, incorrect illegible or improper size, location, sequence or method of application

4.5 Tests Test procedures and controls which differ from those specified herein to be used by the supplier if they provide a quality assurance equivalent to that specified if the Government inspection activity determines that such procedures and controls do not provide, as a minimum, such quality assurance, the supplier will use the test procedures set forth herein. In case of dispute as to test results, the test methods specified herein will govern. Unless otherwise indicated the tests shall be performed at and the samples conditioned to standard conditions of  $73 \pm 3.5^\circ\text{F}$  and  $50 \pm 2\%$  relative humidity

4.5.1 The following requirements shall be tested in accordance with methods of the Technical Association of the Pulp and Paper Industry (TAPPI) Test Methods

Requirement	TAPPI Method
Bursting strength (3.1.1 and 3.3)	T-607
Hydrogen ion concentration (pH) (3.4)	T-435
Thickness of paperboard (3.1 and 3.3)	T-411
Tensile strength (3.3)	T-456

4.5.2 Strength of metal edge stay paperboard joint (see 3.2) Strength of joint shall be determined by use of a mechanical device having two clamps. The paperboard shall be firmly clamped, one clamp adjacent to each side of the stay joint. The clamps shall be mechanically pulled in opposite directions at a uniform speed until the paperboard or joint ruptures. An acceptable or passing test result is a failure in the paperboard and not the joint. The joint is deemed to have failed if the stay material pulls out of the paperboard without tearing it.

4.5.3 Measuring metal edge stay for each box joint (see 3.2) On the outside of the assembled box, measure the distance from the end of the metal edge stay to the edge of the paperboard or end of the box, as appropriate. On the open end this measurement shall be more than 1/16 inch but shall not exceed 1/16 inch plus the length of one eyelet of the metal edge stay being used. On the closed end, this measurement shall be more than 1/16 inch plus the thickness of the closed end of the box (including flaps) but shall not exceed 1/16 inch plus the thickness of the closed end of the box (including flaps) plus the length of the one eyelet of the metal edge stay being used.

## 5 PREPARATION FOR DELIVERY

5.1 Packaging. Level C. Box blanks and assembled boxes do not require packaging. Metal edge stay in coils shall be secured with a tie (as wire, twine, plastic strip, etc.) commonly used for the product and when style J box blank(s) and handles are procured, the required number of handles shall be secured together (tied or placed in plastic bag) to prevent damage during shipment from the supply source to the first receiving agency.

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

5.2.1 Level A

5.2.1.1 Assembled boxes. Assembled boxes of like description in quantities as specified (see 6.2), shall be packed in a snug-fitting box conforming to PPP-B-636, class weather resistant, or PPP-B-640, class 2

5.2.1.2 Metal edge stay. Metal edge stay in coils in quantities as specified (see 6.2) shall be packed in a snug-fitting box conforming to PPP-B-585, class 3 PPP-B-591, class II PPP-B-601, overseas type; PPP-B-621, class 2, PPP-B-636, class weather resistant; PPP-B-640, class 2. The gross weight of wood boxes shall not exceed 200 pounds. Each wood box shall be provided with a sealed case liner constructed of material conforming to MIL-L-10547. The gross weight of the fiberboard boxes shall be subject to the limitation of the box specification. Each fiberboard box shall be waterproof sealed with tape in accordance with the appendix to the box specification

5.2.1.3 Box blanks and handles with style J Box blanks and handles with style J, in quantities as specified (see 6.2), shall be wrapped in kraft paper, 60 pounds basis weight and secured with tape, twine or non-metallic strapping. The wrapped bundles shall be in a snug-fitting box conforming to PPP-B-585, class 3, PPP-B-591, class II, PPP-B-601, overseas type, PPP-B-621, class 2 PPP-B-636, class weather-resistant or PPP-B-640, class 2. When specified, wood boxes shall have case liners, and fiberboard boxes shall be waterproofed as specified in 5.2.1.2. Boxes shall be closed and strapped in accordance with the appendix to the applicable box specification. The gross weight of wood or wood-cleated boxes shall not exceed 200 pounds and fiberboard boxes shall not exceed the applicable weight limitations of the box specification

5.2.2 Level B.

5.2.2.1 Box blanks, metal edge stay, handles with style J or assembled boxes Box blanks and handles with style J, in quantities as specified (see 6.2), shall be wrapped in 60 pound basis weight kraft paper secured with tape, twine or non-metallic strapping. Unless otherwise specified (see 6.2), box blanks, handles with style J, metal edge stay in coils and assembled boxes be packed in a snug-fitting box conforming to PPP-B-636, class domestic. When required, class weather-resistant of PPP-B-636 shall be specified (see 6.2). The box shall be closed in accordance with the appendix to the box specification. The gross weight of the boxes shall comply with the applicable limitations of the box specification.

5.2.3 Level C The box blanks, handles with style J, metal edge stay in coils or assembled boxes in quantities as specified (see 6.2), packaged as specified in 5.1, shall be packed in containers to assure carrier acceptance and safe arrival at destination in compliance with Uniform Freight Classification or National Motor Freight Classification, as applicable.

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5.2.4 Palletization (When specified (see 5.2.1)), boxes packed as specified, shall be palletized on a pallet and banded in accordance with an applicable method of MIL-STD-147. The weight and dimensional limitations of MIL-STD-147 shall apply.

5.3 Marking. In addition to any special marking required in 3.4 and the procurement documents, marking of the exterior shipping containers shall be in accordance with Fed Std No 123 for civil agencies or MIL-STD-129 for military agencies, as applicable (see 6.2).

## 6 NOTES

### 6.1 Intended use

6.1.1 Metal edge boxes, except styles F, G, H and J, are intended for use as unit or intermediate containers to provide protection to the contents and for convenience in handling. The regular water resistant box as described in table III is for packaging items which weigh 10 pounds or less. This should not be construed to prohibit the use of this specification for boxes to carry greater weights when, in the opinion of the procuring activity, the nature of the article or material to be packaged justifies its use. Styles F, G and H are intended to protect documents (Archives) in libraries. Style J is used as an insert in a wooden box of the Marine field bin storage system.

6.1.2 When this specification is used to describe a metal edged box for general packaging applications, the special requirements (see 1.2.3) do not apply.

6.2 Ordering data. Purchasers should select the preferred options permitted herein and include the following information in procurement documents.

- (a) Title, number and date of this specification
- (b) Class and style required (see 1.2)
- (c) Assembled boxes or components (see 3.1), as paperboard blanks, handles for style J or metal edge stay material
- (d) Dimensions or size (see 3.1.2, 3.2.1 and 3.2.1.1). If style B (partial telescope or shallow lid) boxes are ordered, state depth (in inches) of lid (see 3.2.1.1). If style E boxes (neck or shoulder) are ordered, state when neck and shoulder are not equal depth. Size of metal edge stay required.
- (e) If style F (one piece, hinged lid, drop front) is ordered, state whether with pull hole or pull string (see 3.2.1.1)
- (f) Color of box, paperboard blanks or metal edge stay material (see 3.1.1 or 3.1.2)
- (g) Selection of the level of packaging and packing (see 5.1 and 5.2)
- (h) Quantities required (see 5.1 and 5.2) per coil (stay) or bundle (blanks)
- (i) Marking required (see 3.5 and 5.3)
- (j) For level B packing, when class weather resistant boxes are required (see 5.2.2.1)
- (k) When palletization is required (see 5.2.4)
- (l) If case liners or tape sealing is required with shippers for Style J (see 5.2.1.3)

6.3 Color standard matching Marine Corps green semigloss may be obtained by writing to the Commandant of the Marine Corps (Code CSY), Headquarters U.S. Marine Corps, Washington, 25, DC.

### Military Coordinating Activity

Navy - MC

### Military Custodians

Army - GL  
Air Force - 69

### User activities

Army - MJ  
Navy - MC, EC

### CIVIL AGENCY INTEREST:

GSA - PSS, NARS

### Review activities

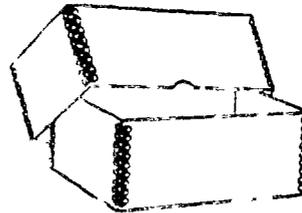
Army - GL, SM  
Navy - MC, AS, SA, YD, EC  
Air Force - 69

### Preparing activity:

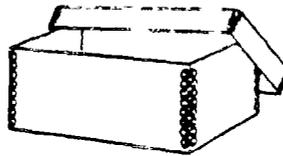
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Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of this specification to obtain extra copies and other documents referenced herein. Price 15 cents each.

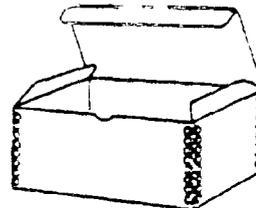
PPP-B-6A5D



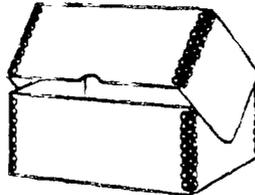
Style A - Full telescope



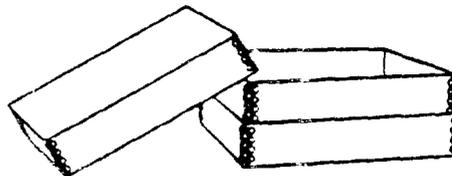
Style B - Shallow lid



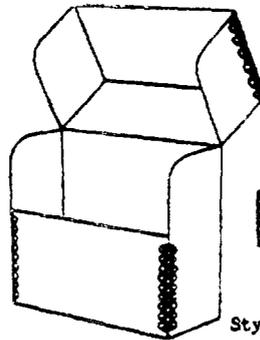
Style C - One piece, hinged lid



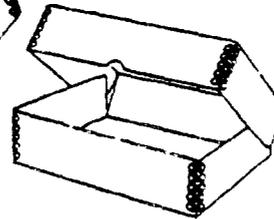
Style D - One piece, hinged lid telescope



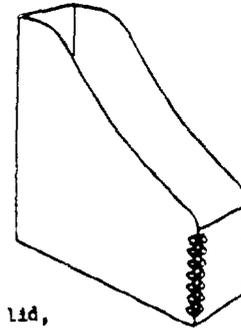
Style E - Neck or shoulder



Style F - One piece, hinged lid, drop front



Style G - One piece, hinged lid, telescope, book style



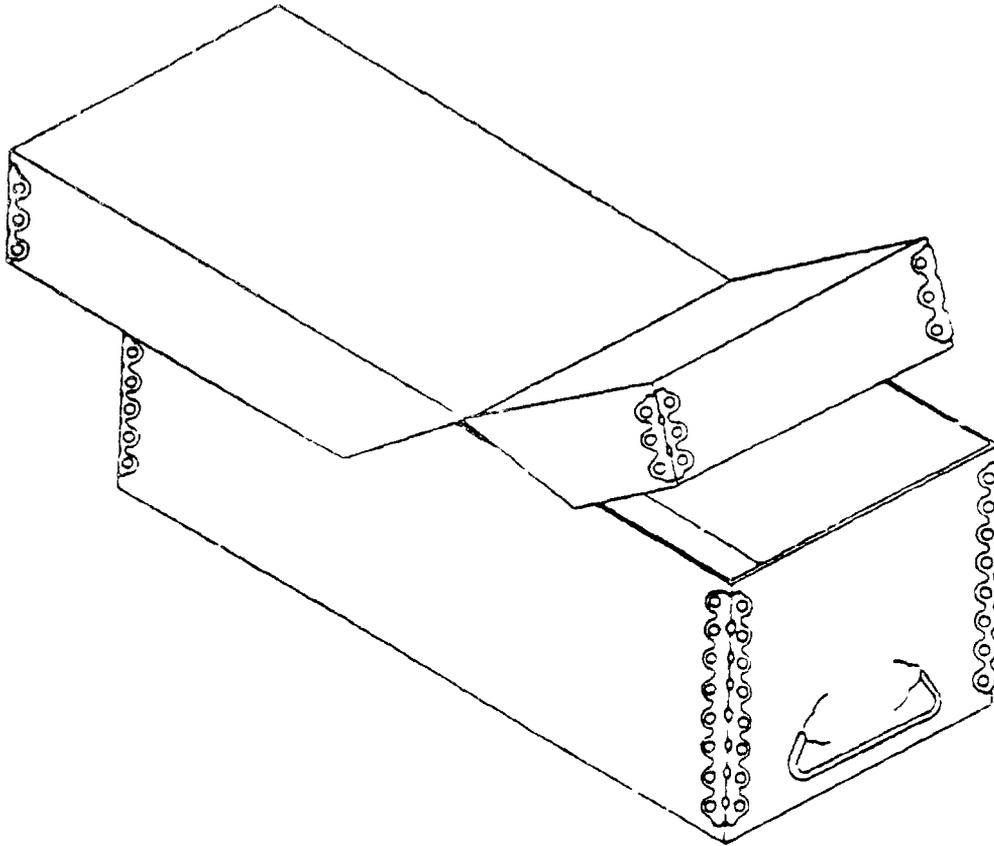
Style H - Cut-away top case

FIGURE 1

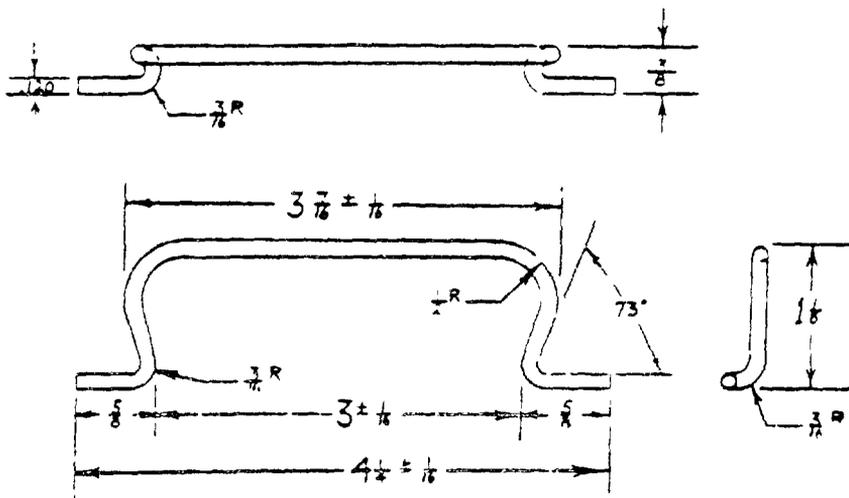


FIGURE 1

487-3-6650



Style J - Bin storage



Handle for Style J box.

FIGURE 2

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a. Paragraph Number and Wording

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