

INCH-POUND

MIL-C-24697(SH)  
29 February 1988

## MILITARY SPECIFICATION

## CABINETS, MODULAR DRAWER STORAGE (MDS)

This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

## 1. SCOPE

1.1 Scope. This specification covers modular drawer storage (MDS) cabinets with combinations of drawer heights in various sizes of cabinet housings to be used for storing parts, tools and supplies.

1.2 Classification. Cabinet housing and drawers shall be as specified in 1.2.1 through 1.2.3.1.

1.2.1 Cabinet housing. Cabinet housings (excluding drawer handles and protruding lock-in and lock-out devices) shall be of the following types, classes and sizes shown on figure 1, as specified (see 6.2). Types I and II shall be  $27.75 \pm 0.030$  inches in depth (front to back).

Type I - Cabinet housing, narrow width (left to right)  
 $22.5 \pm 0.028$  inches

Class 1 - With pallet base  
Class 2 - Without pallet base

Type II - Cabinet housing, standard width (left to right)  
 $30 \pm 0.032$  inches

Class 1 - With pallet base  
Class 2 - Without pallet base

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Naval Sea Systems Command, SEA 5523, Department of the Navy, Washington, DC 20362-5101 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

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1.2.2 Cabinet drawers. Cabinet drawers shall be of the following types, classes and sizes shown on figure 2, as specified (see 6.2).

Type I - Narrow width

Class 1 - With lock-in and lock-out device

Class 2 - Without lock-in and lock-out device

Type II - Standard width

Class 1 - With lock-in and lock-out device

Class 2 - Without lock-in and lock-out device

Size A through O -

1.2.3 Drawer selection combinations. Cabinet sizes 1 through 5 shall accommodate any combination of drawer sizes if the total number of modules (see 3.3.2.2) is as specified in table I. The number, size and configuration of drawers within the cabinet shall be as specified (see 6.2).

TABLE I. Number of drawer modules for each cabinet size.

Cabinet size	Total drawer module height <sup>1/</sup>
1	27 or 28 modules high
2	31 or 32 modules high
3	35 or 36 modules high
4	49 or 50 modules high
5	68 or 69 modules high

<sup>1/</sup> Cabinets to be used as pedestals for working surfaces as specified in 6.1 shall have the total number of drawer modules specified in table II. Manufacturers' drawer substitution specified in 1.2.3.1 shall not be permitted.

TABLE II. Special use applications for class 2 modular drawer storage cabinets used as pedestals for working surfaces.

Cabinet size	Number of drawer modules	Cabinet height	Height of customer provided base <sup>1/</sup>	Overall height including base and customer provided top <sup>2/</sup>
1	27	24.72 $\pm$ 0.50 inches	3.81 $\pm$ 0.52 inches	30 inches desk height
2	28	27 $\pm$ 0.65 inches	4.57 $\pm$ 0.60 inches	33 inches workbench height
	31	27.87 $\pm$ 0.45 inches	2.94 $\pm$ 1.20 inches	

See footnotes at end of table.

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TABLE II. Special use applications for class 2 modular drawer storage cabinets used as pedestals for working surfaces. - Continued

Cabinet size	Number of drawer modules	Cabinet height	Height of customer provided base <sup>1/</sup>	Overall height including base and customer provided top <sup>2/</sup>
3	35	31.02 $\pm$ 0.45 inches	As desired	As required
4	49	42.04 $\pm$ 0.30 inches	1.44 $\pm$ 0.57 inches	45.2 $\pm$ 0.08 inches service counter height

<sup>1/</sup> Base height to be selected to achieve overall height.

<sup>2/</sup> Thickness of customer-provided top is generally 1.44  $\pm$  0.07 inches.

1.2.3.1 Manufacturer's drawer substitution. When specified (see 6.2), manufacturers may substitute drawers A through I as specified in table III to account for minor variations in cabinets.

TABLE III. Manufacturer's drawer substitution table.

Drawer A may be substituted for drawer B
Drawer C may be substituted for drawer D
Drawer E may be substituted for drawer F
Drawer H may be substituted for drawer I
Drawer B may be substituted for drawer A
Drawer D may be substituted for drawer C
Drawer F may be substituted for drawer E
Drawer I may be substituted for drawer H

## 2. APPLICABLE DOCUMENTS

### 2.1 Government documents.

2.1.1 Specifications and standards. The following specifications and standards form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDlSS) and supplement thereto, cited in the solicitation.

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## SPECIFICATIONS

## FEDERAL

- TT-C-490 - Cleaning Methods for Ferrous Surfaces and Pretreatments for Organic Coatings.  
 PPP-B-636 - Boxes, Shipping, Fiberboard.

## MILITARY

- MIL-F-243 - Furniture, Shipboard, Steel, General Specification for.  
 MIL-S-901 - Shock Tests, H.I. (High-Impact); Shipboard Machinery, Equipment and Systems, Requirements for.  
 MIL-E-15090 - Enamel, Equipment, Light-Gray (Formula No. 111).  
 DOD-P-15328 - Primer (Wash), Pretreatment (Formula No. 117 for Metals). (Metric)

## STANDARDS

## FEDERAL

- FED-STD-595 - Colors.

## MILITARY

- MIL-STD-129 - Marking for Shipment and Storage.

2.1.2 Other Government drawing. The following other Government drawing forms a part of this specification to the extent specified herein. Unless otherwise specified, the issues shall be those in effect on the date of the solicitation.

## DRAWINGS

## NAVAL SEA SYSTEMS COMMAND (NAVSEA)

- NAVSHIPS 805-2217424 - Static Load Test for Metal Furniture.

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

2.2 Other publication. The following document forms a part of this specification to the extent specified herein. Unless otherwise specified, the issues of the documents which are DoD adopted shall be those listed in the issue of the DoDISS specified in the solicitation. Unless otherwise specified, the issues of documents not listed in the DoDISS shall be the issue of the nongovernment documents which is current on the date of the solicitation.

## AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- D 3951 - Standard Practice for Commercial Packaging.  
 (DoD adopted)

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

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(Nongovernment standards and other publications are normally available from the organizations which prepare or which distribute the documents. These documents also may be available in or through libraries or other informational services.)

2.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein (except for associated detail specifications, specification sheets or MS standards), the text of this specification shall take precedence. Nothing in this specification, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

### 3. REQUIREMENTS

3.1 First article. When specified in the contract or purchase order, a sample shall be subjected to first article inspection (see 4.3 and 6.3).

#### 3.2 General requirements.

3.2.1 Cabinet. Cabinets shall be modular in construction, fabricated of cold- or hot-rolled commercial quality steel. The critical external dimensions of the cabinet shall be as specified in 1.2.1.

3.2.1.1 Recovered materials. Unless otherwise specified herein, all equipment, material, and articles incorporated in the products covered by this specification shall be new and may be fabricated using materials produced from recovered materials to the maximum extent practicable without jeopardizing the intended use. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products is allowed under this specification unless otherwise specifically specified.

#### 3.3 Detail requirements.

3.3.1 Cabinet housing. Cabinet housing shall be as specified in 3.3.1.1 through 3.3.1.6.

3.3.1.1 Top and bottom panels. The top and bottom panels shall be not less than 18 gauge steel, formed with 90-degree flanges. The front flange shall have an additional return flange for rigidity and safety and to form the front of the cabinet case. The four vertical edges of the corners of the top and bottom panels shall be continuously welded.

3.3.1.2 Cabinet shell. The cabinet shell shall be not less than 22 gauge steel, formed to receive the top and bottom panels. The front sides of the shell shall be return flanged to form the front of the cabinet case. The shell panels (sides and back) shall be jointed on the back or the joint may be centrally located on the back panel. The panels to be jointed shall be formed to provide a flush back panel. The cabinet shell panels shall be resistance welded. The first and last weld in a series shall be not less than 3 inches from each end of panel side.

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3.3.1.3 Pallet base. The pallet base shall be two formed steel members, 2.125 inches in height, extended from the front to the rear of the cabinet. The space between the members shall be not less than 14.5 inches nor more than 25.75 inches to allow forklift entry from the front or rear of the cabinet. The two formed steel members shall be of not less than 13 gauge steel, formed in a box, box channel or combination of channel and zee. The steel members shall be attached with not less than two corrosion resistant bolts, lockwashers and nuts to each member. Each pallet base shall be equipped with two face covers to be fastened with snaps or screws to cover the front and rear pallet base openings when not in use.

3.3.1.4 Reinforcing members.

3.3.1.4.1 Front and rear vertical members. The front and rear vertical reinforcing members shall be not less than 16 gauge steel. Each member shall be formed with not less than two bends to meet load bearing requirements. The front column shall be resistance welded to the side panel, and the flanges of the rear members shall be resistance welded to the side and back panel. The front vertical members shall contain a series of evenly spaced, precisely located holes or slots in a plumb line. Rear vertical support members shall contain a vertical series of evenly spaced, precisely located, pierced rectangular slots in the surfaces facing the front of the cabinet. The holes and slots on the front and rear members shall be constructed and aligned for mounting of the drawer carriage brackets (case members).

3.3.1.4.2 Front horizontal member. A front horizontal reinforcing formed member shall be fabricated of 14 gauge steel. It shall be modular in construction to permit interchangeability with any drawer combination and shall not interfere with drawer carriage operation, drawer operation, nor reduce drawer stowage capability. The horizontal front reinforcing bracket shall be located midway between top and bottom of cabinet housing and secured to the front vertical reinforcing members by the same method used to secure carriage brackets (see 3.3.1.5).

3.3.1.4.3 Side vertical member. A vertical intermediate member of 16 gauge steel shall be formed and resistance welded to each side panel.

3.3.1.5 Carriage brackets (case members). Carriage brackets shall be formed from not less than 10 gauge high-strength steel. The carriage brackets shall be right and left hand in modular construction to permit interchangeability to the upper or lower position within a cabinet or to any other cabinet in the lots fabricated by the same manufacturer for this acquisition. The carriage brackets shall be internally engaged into the slots in the rear interior vertical reinforcing members.

3.3.1.6 Carriage (cradle suspension). The carriage shall be modular in construction to permit interchangeability within the cabinet. The carriage shall be constructed of not less than 12 gauge steel, and provide for the attachment of drawer rollers and out stops. Each carriage shall have two operated carriage stops, gravity engaged, to stop a drawer when loaded at rated capacity and opened at the rate of 15 inches per second. The carriages shall either be painted as specified (see 3.3.3) or zinc plated.

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3.3.2 Drawers.3.3.2.1 Dimensions. Drawer dimensions shall be as shown on figure 2.

3.3.2.2 Construction. Drawers shall be modular in construction and manufactured in standard sizes with respect to height and width. Module height shall be  $0.7874 + 0.007$  inch. The interior dimensions of the drawer shall be as shown on figure 2. Drawers shall be interchangeable within their own cabinet and with any other cabinet of the same type and of the same manufacturer. The standard accessories for the drawer shall also be interchangeable. The drawers shall fully extend in the open position, unsupported, to permit insertion of all partitions. The drawer body, except for the drawer front and back, shall be formed of one sheet minimum of 19 gauge steel. The upper edge of the drawer body sides and back shall be reinforced. The drawer front shall be a 14-gauge minimum steel with all perimeter edges ground or rolled smooth. The back of the drawer shall be a minimum of 19 gauge steel. Each drawer bottom shall have multiple equally spaced holes left-to-right and front-to-back to be used to secure drawer partitions and dividers. The drawer shall be slotted to permit a minimum of 30 spaces front-to-back and a minimum of 21 spaces left-to-right for type I and a minimum of 30 spaces left-to-right for type II. Hot-rolled high-strength steel right angle rails, 11 gauge minimum, shall be securely welded to the drawer sides to provide rigid support of the drawer as it travels on the roller system of the carriage. A left-hand and right-hand stop shall be resistance welded to the underside of the drawer body to prevent the drawer from traveling past the supporting range of the carriage. These stops shall withhold the drawer when loaded to rated capacity of 400 pounds, and traveling at 15 inches per second.

3.3.2.3 Drawer hardware. Each drawer shall be equipped with a sturdy extruded aluminum handle fastened to the drawer front. The extrusion shall be constructed for the insertion of full length label strips and protective clear plastic strip covers, in an upright or inverted position to allow for easy reading and identification. Each end of the extruded handle shall be capped or configured for safety and retention of labels and covers. The handle length shall run at least 75 percent of the width of the drawer and provide a comfortable finger entry.

3.3.2.4 Drawer lock-in and lock-out device. Type I and type II drawers shall be equipped with a spring-loaded mechanism for automatic lock-in and lock-out protection, with the drawer closed or fully extended respectively, and loaded to rated capacity. An integral operating lever to activate the mechanism shall protrude through an opening in the drawer front adjacent to the right end of the drawer handle.

3.3.2.5 Cabinet lock. When specified (see 6.2), a cabinet lock shall be provided. The lock shall be installed in the top front of the cabinet housing and shall be key operated. The single key-operated lock shall lock and unlock all drawers in the cabinet. The leaf flipper shall be installed in all cabinets regardless of whether a cabinet lock is specified so as to provide for future field installation of locking devices, if required.

3.3.2.5.1 Series O lock. If a cabinet lock is not required, a series O lock shall be specified (see 6.2).



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3.3.2.5.2 Series I lock. When series I locks are specified (see 6.2), three keys shall be provided for all cabinets in the lot and shall operate the locks on all cabinets in the specified lot.

3.3.2.5.3 Series II lock. When series II locks are specified (see 6.2), cabinets in a specified lot or lots shall be provided with two keys for each cabinet which shall operate the lock on each individual cabinet in the lot. Two master keys shall be provided for each lot of cabinets, which shall operate the locks in all cabinets in the specified lot.

3.3.2.6 Drawer partitions and dividers (type II only). Drawer partitions and dividers shall be provided as shown on figure 3 to compartmentalize the drawer into storage sections.

3.3.2.6.1 Drawer partitions.

3.3.2.6.1.1 Dimensions. Drawer partitions shall be one length, front-to-back or left-to-right. The partition length shall be 0.105 to 0.1875 inch less than the inside drawer dimension. The height shall correspond to the drawer size specified in table IV.

TABLE IV. Drawer partition heights according to drawer size.

Drawer size	Height of drawer partition
A, B	2.02 $\pm$ 0.15 inches
C, D	3.05 $\pm$ 0.2 inches
E, F	4.66 $\pm$ 0.22 inches
G, H, I, J, K, L, M, N, O	5.84 $\pm$ 0.59 inches

3.3.2.6.1.2 Construction. Drawer partitions shall be modular in construction and have equally spaced slots on the formed outward sides of the partitions to align with the slots on the inner wall of the drawer and sized in one length to fit in the front-to-back and left-to-right positions. Partition height shall correspond with drawer side and back height. Edges, formations, slots and spot welds shall be free of any protrusions for safety in use. The main panel of the partitions shall be fabricated from not less than 21 gauge steel, flanged on the bottom and with holes or slots in the flange precisely located to permit attachment at multiple locations by sheet metal screws to mating holes in the drawer bottom. When drawer configuration requirements are specified (see 3.3.2.6.3), the partitions shall be installed in the locations prescribed and attached to the drawer bottom with a minimum of two sheet metal screws.

3.3.2.6.2 Drawer dividers.

3.3.2.6.2.1 Style. Drawer dividers shall be as specified (see 6.2) in one of the three styles specified in table V and as shown on figure 3.



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TABLE V. Styles of drawer dividers.

Divider style	Description
A	Vertical divider
B	Vertical divider with a label holder attachment. Supplied with paper labels and vinyl shields
C	Vertical divider supplied with pressure sensitive labels

3.3.2.6.2.2 Dimensions. The following lengths shall be available for any size drawer: 3.062 inches, 3.875 inches, 4.625 inches, 5.5 inches, 6.25 inches, 7.8125 inches, 8.625 inches, 9.5 inches, and 12.625 inches with plus or minus 0.720 inch on each. The drawer dividers, excluding label holder and the bent back portion of the style C divider, shall be at least equal in height to the drawer partitions, but no higher than drawer dimension B on figure 2, including label holder and the bent back portion of style C divider.

3.3.2.6.2.3 Construction. Drawer dividers shall be modular in construction and of sufficient strength to contain, with minimal deflection, the material stowed in the drawer using any combination of configurations. The lengths shall accommodate all possible arrangements. The bottom corner edges shall allow clearance for partition flanges. The top  $0.5 \pm 0.1$  inch shall be formed 15 degrees from vertical for placement of pressure sensitive or other type labels. A maximum 30-degree bend will also be acceptable. When drawer layouts are specified (see 3.3.2.6.3), drawer dividers shall be inserted in the specified locations. If drawer layouts are not specified, drawer dividers shall be packaged as specified in 5.1.

3.3.2.6.3 Drawer layouts. Standard drawer layouts as shown on figure 4 (type II only) shall be as specified (see 6.2), using layout numbers to facilitate ordering drawer partitions and dividers.

3.3.3 Preparation, cleaning and painting. Joints and welds shall be ground or filed smooth, and all traces of welding flux, millseale, rust, oil and moisture shall be removed before any finishing material is applied. Only welds exposed to view should be ground or filed smooth. Blemishes, sufficient to cause rejection of the finish, may result from failure to remove traces of flux or to remove small amounts of oil lodged between flanged surfaces.

3.3.3.1 Precleansing and finish. Surfaces requiring enameling shall be degreased and cleansed prior to finish application in accordance with TT-C-490.

3.3.3.2 Priming. Unless type I or type II coating as specified in TT-C-490 is used, the exterior and interior surfaces treated as specified in 3.3.3.1 shall be coated with a primer similar to formula no. 117 as specified in DOD-P-15328.

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3.3.3.3 Enameling. Primed surfaces shall be coated with enamel in accordance with type III, class 2 of MIL-E-15090. Total dry film thickness of enamel and primer shall be not less than 2.4 mils on exposed exterior surfaces and not less than 1.2 mils on all other surfaces. If pretreatment coating is in accordance with type I or type II of TT-C-490, primer may be omitted and the minimum dry film thickness shall be 1.0 mil on exposed exterior surfaces and not less than 0.7 mil thickness for other surfaces. The finish shall level out to produce smooth, uniform exposed surfaces without runs, wrinkles, grit, areas of thin film or no film and separation of color.

3.3.3.4 Color. Unless otherwise specified (see 6.2), the cabinet and the drawer interior and exterior surfaces shall be painted light-gray (formula no. 111) baked semi-gloss finish in accordance with MIL-E-15090. When other colors are specified, the contractor shall specify the color chip number in accordance with FED-STD-595.

3.3.4 Identification marking. Cabinets shall be clearly and permanently marked on a visually accessible interior surface with an identification label, preprinted on an adhesive backed, pressure sensitive label with the following information:

- (a) Manufacturer's name.
- (b) Acquisition instrument identification number.
- (c) This specification number.
- (d) Cabinet type, size, and class.
- (e) Year of manufacture.

3.3.5 Shock resistance. Unless otherwise specified (see 6.2), cabinets shall withstand grade B shock requirements in accordance with deck mounted, class III, medium weight, type C of MIL-S-901 for special applications when cabinets are installed in locations likely to be subjected to shock and when drawers, drawer contents or cabinet parts may create a hazard to personnel or essential machinery, equipment, or systems (see 4.7.8).

3.3.6 Workmanship. The appearance and functioning of modular drawer storage cabinets shall be in accordance with MIL-F-243.

#### 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor 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.

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4.1.1 Responsibility for compliance. All items must meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of assuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling in quality conformance does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to acceptance of defective material.

4.2 Classification of inspections. The inspection requirements specified herein are classified as follows.

- (a) First article inspection (see 4.3).
- (b) Quality conformance inspection (see 4.4).

4.3 First article inspection. First article inspection shall consist of the examination in 4.6 and tests in accordance with 4.7 through 4.7.8.

4.3.1 First article sample. The first five units shall be completely fabricated cabinets of each type and size with drawers, accessories and pallet base, if applicable, and shall be subjected to first article inspection (see 4.3 and 6.3).

4.4 Quality conformance inspection. Quality conformance inspection shall be as specified in 4.6 and 4.7 through 4.7.8.

4.5 Sampling.

4.5.1 Lot size. A lot size for cabinet sampling shall consist of each type and size of cabinet offered for delivery at one time. A lot size sampling for packaging, packing and shipping labeling shall be the number of containers offered for delivery at one time.

4.5.2 Sampling for examination. The quantity of cabinets for random sampling for visual inspection and testing shall be as specified in tables VI and VII.

TABLE VI. Sampling for examination for major defects.

Number of units in lot	Number of units in sample	Acceptance number (defective)	Rejection number (defective)
1 to 8	3	0	1
9 to 25	5	0	1
26 to 40	7	0	1
41 to 65	10	0	1
66 to 110	15	1	2
111 to 300	25	1	2
301 to 500	35	2	3
501 to 800	50	3	4
801 to 1300	75	4	5
1301 and over	110	6	7

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TABLE VII. Sampling for examination for minor defects.

Number of units in lot	Number of units in sample	Acceptance number (defective)	Rejection number (defective)
1 to 8	4	0	1
9 to 25	5	0	1
26 to 40	7	0	1
41 to 65	10	1	2
66 to 110	15	1	2
111 to 300	25	2	3
301 to 500	35	3	4
501 to 800	50	4	5
801 to 1300	75	6	7
1301 and over	110	8	9

4.6 Visual inspection and acceptance criteria. Each cabinet, drawer or accessory selected for visual inspection in accordance with 4.3 shall be visually and dimensionally examined to verify compliance with the requirements of this specification. Examination shall be conducted as specified in table VIII. Any single cabinet, drawer or accessory in the sample containing two or more visual defects shall not be offered for delivery. If the number of total defects for the sample lot exceeds the acceptance number as specified in tables VI and VII, this shall be cause for rejection of the lot represented by the sample. Additionally, any cabinet, drawer, or accessory not within the dimensional tolerances specified herein, shall be cause for rejection.

TABLE VIII. Inspection requirements and classification of defects.

Inspection requirements	Defect	Classification	
		Major	Minor
General examination:			
Housing, drawers and accessories	Dimensions not as specified	Critical	
	Missing reinforcing members or structural parts	X	
Bolts, nuts and lockwashers	Threads stripped		X
	Bolt, nut or lockwasher missing		X
	More than one bolt, nut or lockwasher missing	X	
Screws	Screw missing		X
	More than one screw missing	X	

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TABLE VIII. Inspection requirements and classification of defects. - Continued

Inspection requirements	Defect	Classification	
		Major	Minor
General examination:			
Welds	Not ground smooth, protruding, or pits not filed		X
	Missing, broken, cracked, burned through, not fused	X	
	Flash or splatter on drawer interiors or exposed surfaces	X	
Workmanship	Sharp edges, burrs or roughness which may cause injury	X	
	Other sharp edges, burrs or roughness		X
	Part malformed, damaged, buckled or warped affecting serviceability	X	
	Visual part malformed, damaged, buckled or warped	X	
	Part not normally visible and not affecting serviceability damaged, buckled, warped, broken, cracked or distorted		X
	Parts improperly formed, fitted or joined		X
Pretreatment	Indication of rust, mill scale, oil, blemishes or moisture under coating	X	
Finish	Wrong color	X	
	Poor adhesion, blistered, tacky or peeling	X	
	Stains, runs, wrinkles or foreign matter in coating		X
	Separation of color		X
	Thickness of film on external surfaces less than specified	X	

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TABLE VIII. Inspection requirements and classification of defects. - Continued

Inspection requirements	Defect	Classification	
		Major	Minor
Metal coating	Thickness of film on external surfaces less than specified	X	
	Thickness of film on other than external surfaces less than specified		X
	Unpainted areas or scratches through to base metal	X	
	Wrong type	X	
	Poor adhesion, blistered, peeling or flaky	X	
Specific examination:			
Drawer lock (when specified)	Not the type specified	X	
	Keys not provided as specified	X	
Class I only	Pallet base not provided	X	
Pallet base	Not attached to housing as specified	X	
	Forklift entry area not as specified	X	
Drawers	Sizes not as specified or manufacturer's drawer substitution other than specified in table II	X	
	Not installed in order specified		X
Drawer handle	Divider or partition vertical slots not spaced as specified	X	
	Not 75 percent width of drawer	X	
	Full length label strip not provided	X	
	Protective clear plastic strip cover not provided	X	

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TABLE VIII. Inspection requirements and classification of defects. - Continued

Inspection requirements	Defect	Classification	
		Major	Minor
Drawer partitions and dividers	Handle ends not capped or rounded smooth	X	
	Quantities not as specified	X	
	Height not as specified	X	
	Divider, style not as specified	X	
	Label holder missing on style B divider, if applicable	X	
	Partitions and dividers not inserted in place and not in locations prescribed by layout	X	
	At least one partition, centrally located in the drawer, not screw fastened to drawer bottom when drawer layout is specified	X	
Identification marking	Other partitions not screw fastened to drawer bottom when drawer layout is specified		X
	Markings as specified in 3.3.4 are missing, incorrect or illegible		X
Packaging and packing container	Materials not as specified	X	
	Missing, damaged or defective	X	
	Missing, incorrect or illegible	X	
Markings and shipping labels	Missing, incorrect or illegible	X	



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4.7 Tests and acceptance criteria. In addition to the tests specified in MIL-S-901, the cabinets shall be subjected to the tests specified in 4.7.1 through 4.7.8, in the order listed, and shall be conducted on the quantity of randomly selected sample cabinets, drawers and accessories as specified in 4.5.2. Any single cabinet, drawer or accessory failing two or more tests shall not be offered for delivery. Total test defects for the sample lot exceeding the acceptance number specified in table VII shall be cause for rejection of the lot represented by the sample. A single test defect shall be failure of a single cabinet to pass any single test and each failed test shall be considered a defect for purposes of acceptance and rejection. Tests, except 4.7.7, shall require that all drawers in the cabinet be loaded with 400 pounds dead weight, and with a minimum of two equally spaced side-to-side partitions installed in each drawer. At the end of each test, the test unit shall be inspected for the following:

- (a) Cabinet housing visible distortion.
- (b) Drawer and drawer carriage operation.
- (c) Carriage bracket and drawer carriage interchangeability.
- (d) Carriage bracket visible distortion.
- (e) Cracked, broken, bent, distorted and loose parts.

The following shall be cause for the sample unit failing test:

- (a) Cabinet part or component cracked or broken.
- (b) Failure of welds.
- (c) Stripped threads on screws or bolts.
- (d) Part malfunctioning.
- (e) Part breaking loose.
- (f) Part bent or distorted to the extent it precludes interchangeability of drawers, drawer partitions or dividers, or impairs the operation of moving parts.

4.7.1 Static load test. The uppermost drawer shall be fully extended and a weight of 150 pounds applied in accordance with Drawing 805-2217424. The cabinet shall remain in this position for not less than 3 hours. At the end of the 3-hour period, the cabinet shall be examined in accordance with 4.7.

4.7.2 Tilt test. The loaded cabinet shall be inclined 15 degrees forward. Each drawer shall be fully extended ten times. The fully loaded cabinet shall be inclined 15 degrees to the right and left and the opening of each drawer shall be repeated to the fully extended position ten times in each inclined position. The cabinet shall be examined upon completion of the tilt test in accordance with 4.7.

4.7.3 Rack test. With the drawers closed, the loaded cabinet shall be supported at two diagonal corners, at a height of not less than 1 inch above the deck, for 6 hours. The area of support shall be not more than 6 inches from each of the two corners. The cabinet shall be returned to a level surface and examined as specified in 4.7. The rack test shall be repeated using the other two diagonal corners for support.

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4.7.4 Drawer interchangeability test. After conducting the rack test specified in 4.7.3, the drawer arrangement shall be changed so that all drawers, drawer carriages and carriage brackets are reversed in sequence within the cabinet housing. The tilt test in 4.7.2 shall be repeated.

4.7.5 Drawer lock-in and lock-out device tests. The cabinet shall be inclined 20 degrees forward. If a drawer opens, the lock-in device fails the test. With the cabinet on a level surface, each drawer shall be opened individually and then the cabinet inclined 20 degrees backward. If the drawer lock-out device does not hold each drawer in the open position, the lock-out device fails the test.

4.7.6 Drawer tests. Two adjacent drawers shall be opened at the same time. If the drawer fronts touch, the unit fails the test. The test shall be repeated for all other adjacent drawers in the sample cabinet. With the cabinet inclined 10 degrees forward, each loaded drawer shall be opened individually so that it reaches the carriage stops traveling at the rate of 15 inches per second. If the carriage stop fails to hold, the unit fails the test. With the cabinet on a level surface, each drawer shall be closed individually to observe whether drawers make contact with bumpers. Failure of drawers to contact bumpers shall be cause for rejection.

4.7.7 Cabinet lock test. If cabinet locks are specified (see 6.2), the lock shall operate with each key provided. If any key fails to operate the lock, the unit fails the test. For a series I lock, each key for the test cabinet shall operate 10 percent of any other series I locks in the lot. Failure of the keys from the test cabinet to operate the other locks tested shall be cause for rejection. For a series II lock, each key for the test cabinet shall operate the locks on 10 percent of any other series II locks in the lot. If the keys from the test cabinet succeed in operating any of the other series II locks in the lot, the sample unit fails the test. The master keys for the sample unit with a series II lock shall operate the locks on 10 percent of any other series II locks in the lot. Failure of the master keys to operate each series II lock tested shall result in the unit failing the test.

4.7.8 Shock test. If grade B shock requirements are specified (see 6.2), the shock test shall be in accordance with MIL-S-901. Cabinets shall meet the requirements specified in 3.3.5.

4.8 Inspection of packaging. Sample packages and packs, and the inspection of the preservation-packaging, packing and marking for shipment and storage shall be in accordance with the requirements of section 5 and the documents specified therein.

## 5. PACKAGING

(The packaging requirements specified herein apply only for direct Government acquisition. For the extent of applicability of the packaging requirements of referenced documents listed in section 2, see 6.4.)

5.1 Preservation. Preservation shall be level A or commercial, as specified (see 6.2).

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5.1.1 Level A.

5.1.1.1 Partitions and dividers. When specified, partitions and dividers shall be inserted into appropriate positions in each drawer. If not specified, partitions and dividers shall be wrapped, cushioned, cartoned and secured in one or more drawers of the cabinet. The quantities of dividers and partitions for each cabinet and drawer configuration shall be apportioned to each cabinet. Partitions and dividers shall be packed into a corrugated fiberboard carton minimum 275 pounds test, double wall construction and marked with the contents. The contents shall further be identified to correspond with the package identification. The dividers and partitions within the cartons shall be individually wrapped by size and type, with identification on the exterior of the wrapping.

5.1.1.2 Pallet bases. The face covers for the pallet bases shall be wrapped and secured into a drawer of the cabinet to provide entry of fork blades for the packed cabinet. A 1-inch thick pad of corrugated material 3 inches wide and 20 inches long, finished to prevent abrasion, shall be taped between the face of the upper and lower panels and adjacent drawers. A third pad shall be taped to the face of a drawer at mid-height.

5.1.1.3 Cabinets. Full length corner posts faced on the internal sides with wax or a plasticizer to prevent abrasion of the enamel surfaces of the cabinet shall be inserted into the corrugated tube specified in 5.2 to each corner of the cabinet. The thickness of the corner posts shall be 1 inch for the face side of the cabinet and 0.5 inch for the sides and back. Alternatively, the pads may be 0.875 inch thickness of styrofoam material 3 by 20 inches and the corner posts may be of styrofoam material 0.875 inch for the face side of the cabinet and not less than 0.5 inch for the sides and back.

5.1.2 Commercial. Commercial preservation shall be in accordance with ASTM D 3951.

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

5.2.1 Level A. Level A packing shall be as specified (see 6.2).

5.2.2 Level B. The shipping container shall be a two-piece fiberboard box, a minimum of 200 pounds test, single wall construction. The box shall be similar to style IC, interlocking double wall in accordance with PPP-B-636, except the side interlocking flanges on the bottom cover shall be omitted. The bottom cover shall be fitted under the stowage cabinet between the cabinet's box channel base for forklift entry from front or rear. The front and rear flanges on the bottom cover shall be scored 2.5 inches and 5.5 inches formed upward and interlocked with the 2.5-inch scored flanges of the tube. The top cover shall be flanged on all four sides, scored 2.5 inches and 5.5 inches, formed downward and interlocked with the top 2.5-inch scored flanges of the upper tube. Interlocks of the top and bottom covers to the tubes shall be secured with horizontal plane strapping. An additional strap shall be applied at mid-height of the container. A top cover shall be fitted over the tubes similar to style DBLCC in accordance with PPP-B-636. In lieu of bottom cover, the bottom of the cabinet shall be fitted with a wooden skid to fit between the base runners and provide forklift entry along the 27.5-inch cabinet size. Straps shall be applied vertically to encompass the top cover, tube and skid.

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5.2.3 Commercial. Commercial packing shall be in accordance with ASTM D 3951.

5.3 Markings. Interior packs and exterior shipping containers shall be marked in accordance with MIL-STD-129 for levels A and B and ASTM D 3951 for commercial.

## 6. NOTES

6.1 Intended use. The MDS cabinets are intended for use in stowing repair parts, tools, consumable materials and supplies in storerooms, issue rooms, shops and working spaces. Type I cabinets are generally used on board ship since they are sized to permit clearance through standard shipboard doorways, arches and hatches. Type II cabinets are used for stowage of aviation maintenance support package (MSP) materials and when wider drawer width is required for stowing materials and the compartments in which items are to be stowed have an access which permits movement of the type II cabinet. Class 1 cabinets, with an installed pallet base, should be used when it is anticipated that the cabinets are to be moved frequently. Class 2 cabinets, without the attached pallet base, should be used for all permanent installations and for stacked cabinets. The cabinets may be required to meet grade B shock requirements when used in submarines or on surface ships near gun mounts or other locations likely to be subjected to extreme shock when such locations are either manned or contain fragile equipment. Cabinets may be used as pedestals for desks, workbenches and counter working surfaces as specified in table II.

6.2 Ordering data. Acquisition documents should specify the following:

- (a) Title, number and date of this specification.
- (b) Quantity, types, classes, and sizes of cabinets (see 1.2.1).
- (c) Quantity, types, classes, sizes and configuration of drawers (see 1.2.2 and 1.2.3).
- (d) Drawer substitution, if permitted (see 1.2.3.1).
- (e) When first article inspection is required (see 3.1 and 4.3).
- (f) Cabinet lock to be provided when required (see 3.3.2.5 and 4.7.7).
- (g) If no lock required, specify quantity of cabinets with series 0 lock (see 3.3.2.5.1).
- (h) If locks are required, specify the following:
  - (1) Quantity of cabinets with series I locks (see 3.3.2.5.2).
  - (2) Quantity of cabinets with series II locks (see 3.3.2.5.3).
- (i) Style of drawer dividers required (see 3.3.2.6.2.1).
- (j) Drawer layouts required (see 3.3.2.6.3 and figure 4) (type II only).
- (k) Color chip number for enamel paint finish required, if other than specified (see 3.3.3.4).
- (l) If grade B shock is required (see 3.3.5 and 4.7.8).
- (m) Levels of preservation and packing required (see 5.1 and 5.2).
- (n) Requirements for level A packing (see 5.2.1).

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6.3 First article. When a first article inspection is required, the items should be a first article sample. The first article should consist of five units. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, approval of first article test results and disposition of first articles. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who wish to rely on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract.

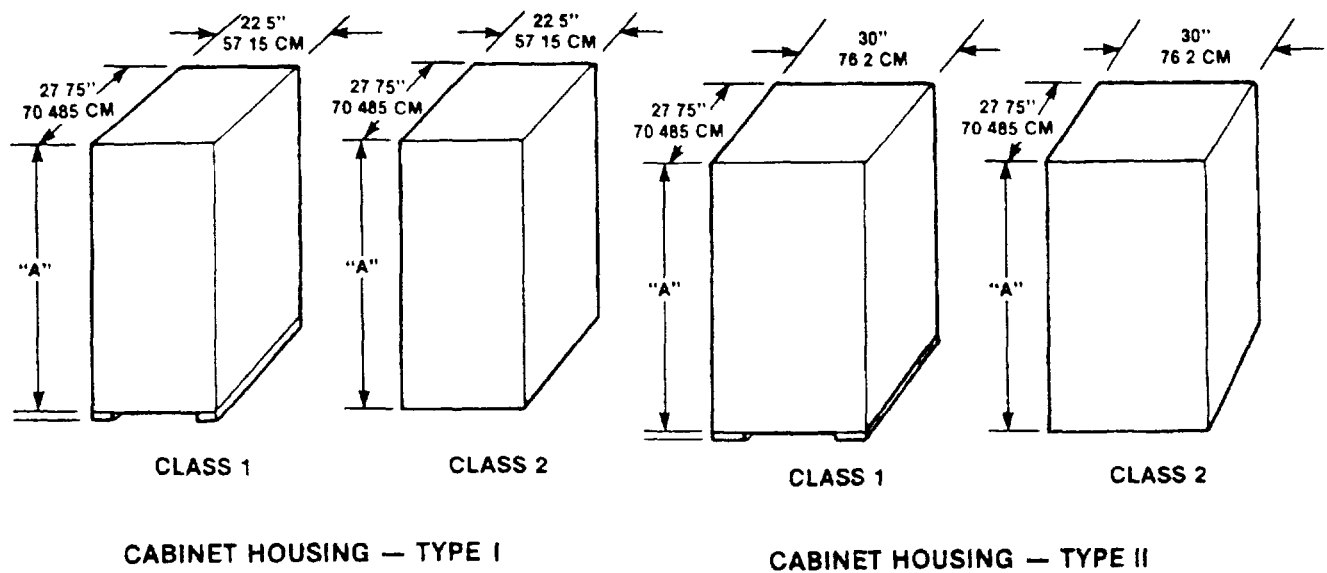
6.4 Sub-contracted material and parts. The packaging requirements of referenced documents listed in section 2 do not apply when material and parts are acquired by the contractor for incorporation into the equipment and lose their separate identity when the equipment is shipped.

6.5 Subject term (key word) listing.

Cabinet housing  
Cabinet lock  
Drawer interchangeability  
Drawer layouts  
Drawer lock-in lock-out device  
Metal coating  
Pallet base

Preparing activity:  
Navy - SH  
(Project 7125-N111)

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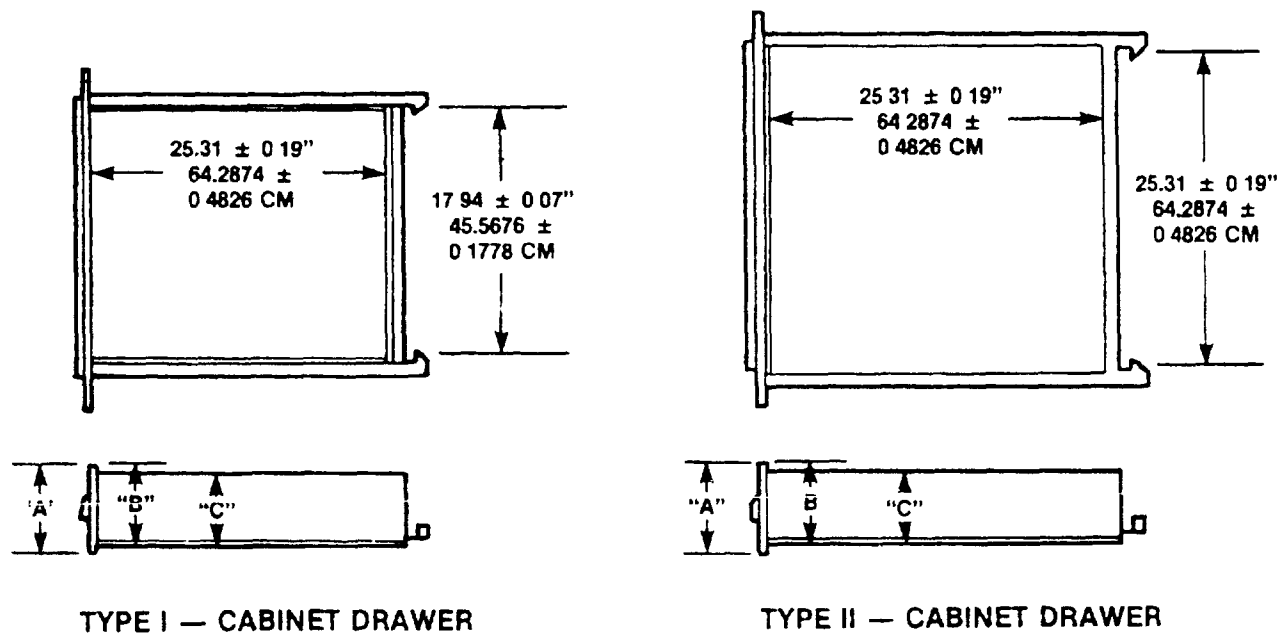


Cabinet size	Height A of class I cabinets with 2.2 ± 0.08 inch high pallet base	Height A of class II cabinets
1	28.1 ± 1.8 inches	25.9 ± 1.7 inches
2	31.06 ± 1.6 inches	28.9 ± 1.5 inches
3	34.25 ± 1.6 inches	32.05 ± 1.2 inches
4	45.1 ± 1.6 inches	42.9 ± 1.5 inches
5	60.1 ± 1.1 inches	57.9 ± 1.2 inches

SH 13202783

FIGURE 1. Cabinet housing - type, class and size.

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SH 13202784

FIGURE 2. Types I and II cabinet drawers.



## MIL-C-24697(SH)

Drawer size	Number of modules high	Drawer dimensions		
		A	B Usable height	C Body height
A	4	$3.17 \pm 0.11$ inches	$2.32 \pm 0.12$ inches	$2.06 \pm 0.23$ inches
B	5	$3.96 \pm 0.11$ inches	$3.13 \pm 0.13$ inches	$2.06 \pm 0.23$ inches
C	6	$4.75 \pm 0.10$ inches	$3.94 \pm 0.11$ inches	$3.15 \pm 0.08$ inches
D	7	$5.54 \pm 0.11$ inches	$4.70 \pm 0.12$ inches	$3.15 \pm 0.08$ inches
E	8	$6.33 \pm 0.11$ inches	$5.50 \pm 0.17$ inches	$4.75 \pm 0.07$ inches
F	9	$7.13 \pm 0.12$ inches	$6.31 \pm 0.11$ inches	$4.75 \pm 0.07$ inches
G	10	$7.92 \pm 0.12$ inches	$7.13 \pm 0.13$ inches	$6.31 \pm 0.11$ inches
H	11	$8.71 \pm 0.12$ inches	$7.91 \pm 0.15$ inches	$6.31 \pm 0.11$ inches
I	12	$9.50 \pm 0.13$ inches	$8.63 \pm 0.17$ inches	$6.31 \pm 0.11$ inches
J	13	$10.35 \pm 0.13$ inches	$9.53 \pm 0.15$ inches	$6.31 \pm 0.11$ inches
K	14	$11.08 \pm 0.13$ inches	$10.31 \pm 0.24$ inches	$6.31 \pm 0.11$ inches
L	15	$11.86 \pm 0.13$ inches	$11.10 \pm 0.15$ inches	$6.31 \pm 0.11$ inches
M	16	$12.67 \pm 0.15$ inches	$11.88 \pm 0.17$ inches	$6.31 \pm 0.11$ inches
N	17	$13.46 \pm 0.15$ inches	$12.67 \pm 0.20$ inches	$6.31 \pm 0.11$ inches
O	18	$14.25 \pm 0.15$ inches	$13.44 \pm 0.23$ inches	$6.31 \pm 0.11$ inches

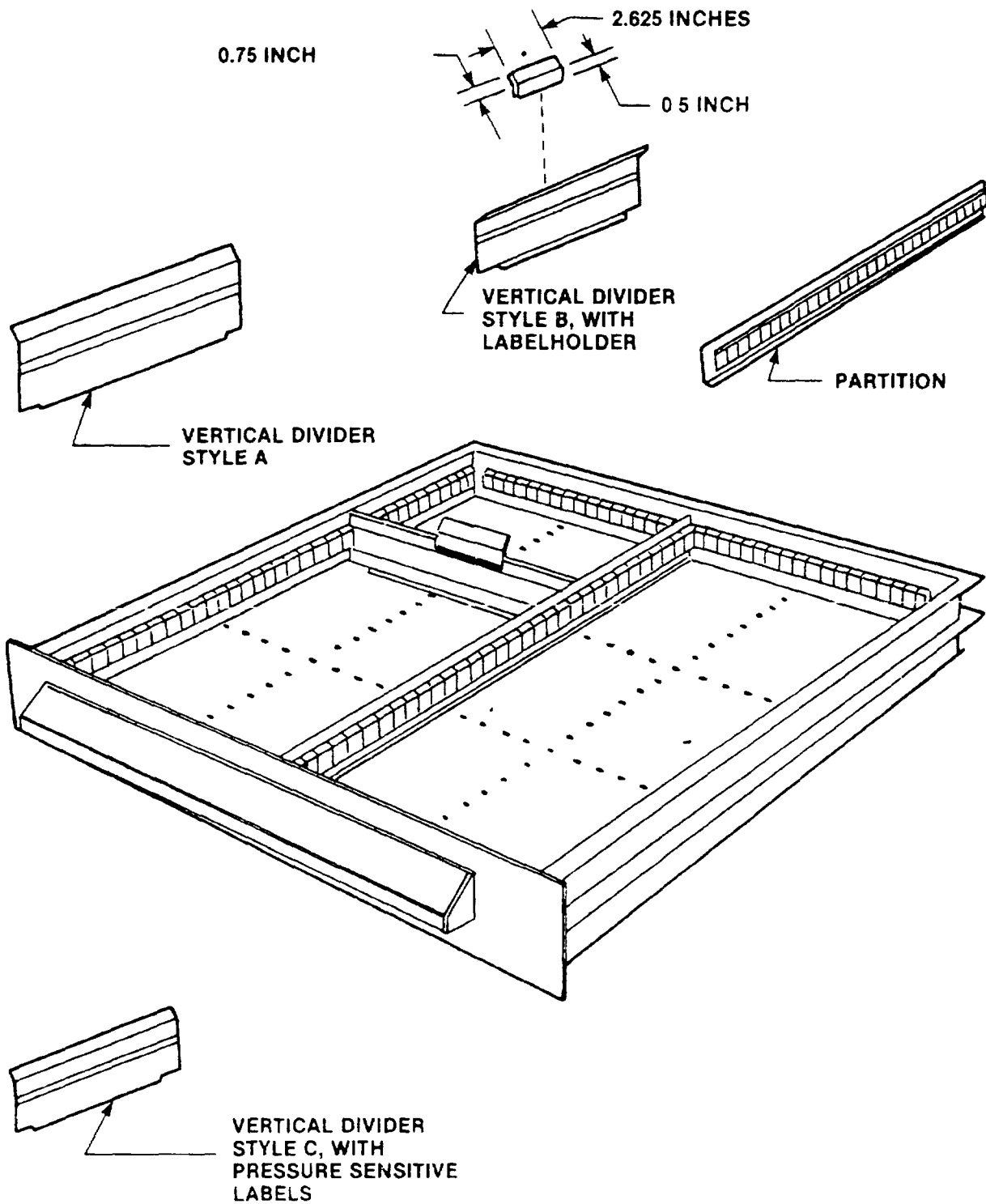
## NOTE:

1. One module is  $0.7874 \pm 0.0007$  inch in height.

FIGURE 2. Types I and II cabinet drawers. - Continued

MIL-C-24697(SH)

**LABEL HOLDER**

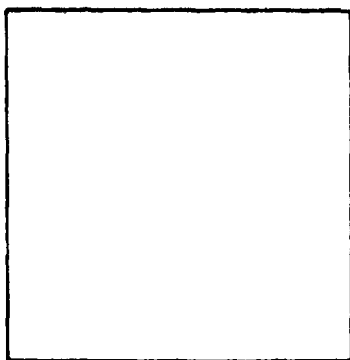


SH 13202785

FIGURE 3. Drawer partitions and dividers.

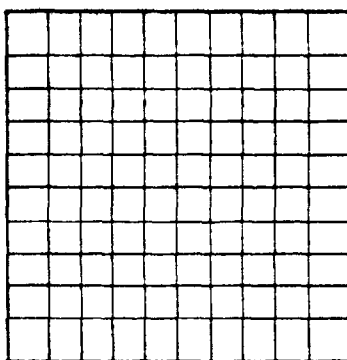
## MIL-C-24697(SH)

LAYOUT NO. 0



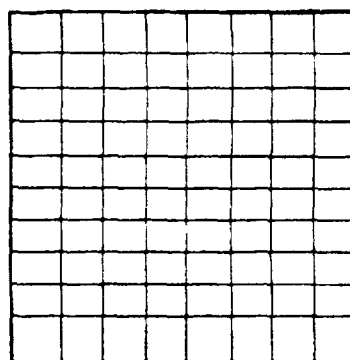
DRAWER W/O PARTITIONS  
OR DIVIDERS

LAYOUT NO 1



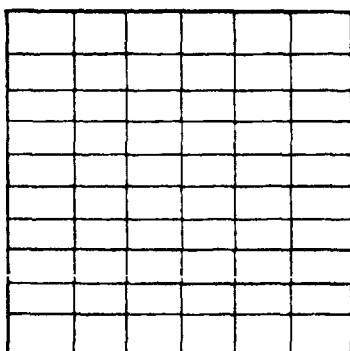
1-7/8" x 2 1/4"  
9 PARTITIONS  
90 DIVIDERS  
100 COMPARTMENTS

LAYOUT NO 2



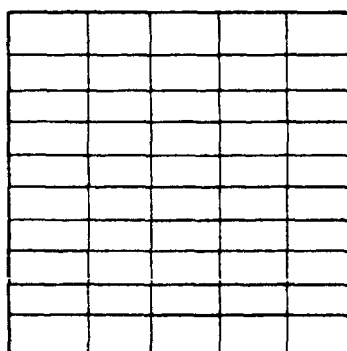
2 5/8" x 2 1/4"  
7 PARTITIONS  
72 DIVIDERS  
80 COMPARTMENTS

LAYOUT NO. 3



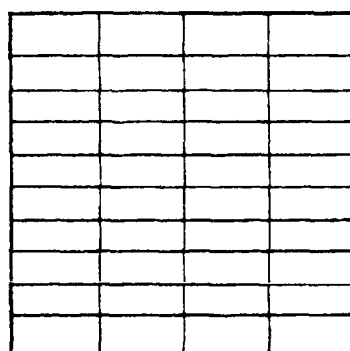
3-3/8" x 2-1/4"  
5 PARTITIONS  
54 DIVIDERS  
60 COMPARTMENTS

LAYOUT NO. 4



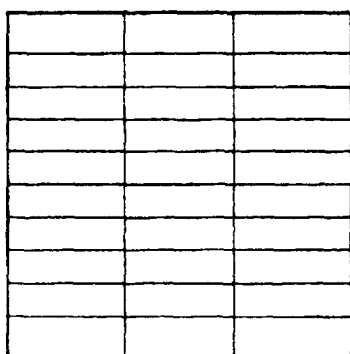
4 1/4" x 2-1/4"  
4 PARTITIONS  
45 DIVIDERS  
50 COMPARTMENTS

LAYOUT NO 5



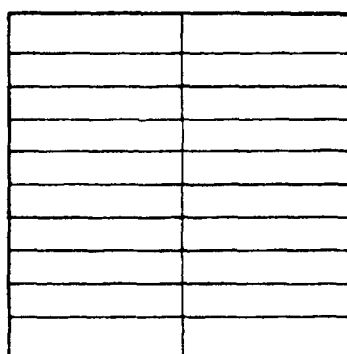
5-7/8" x 2-1/4"  
3 PARTITIONS  
36 DIVIDERS  
40 COMPARTMENTS

LAYOUT NO 6



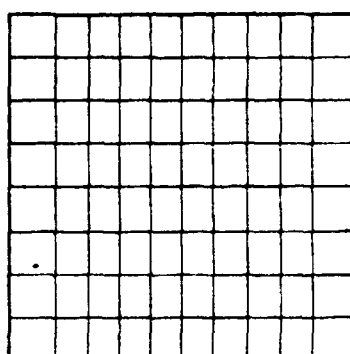
7-3/8" x 2 1/4"  
2 PARTITIONS  
27 DIVIDERS  
30 COMPARTMENTS

LAYOUT NO 7



12 1/4" x 2 1/4"  
1 PARTITION  
18 DIVIDERS  
20 COMPARTMENTS

LAYOUT NO 8



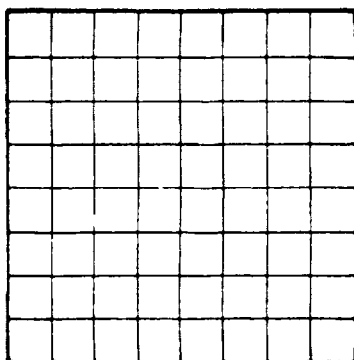
1 7/8" x 3  
9 PARTITIONS  
70 DIVIDERS  
80 COMPARTMENTS

SH 13202786

FIGURE 4. Standard drawer layouts (type II only).

## MIL-C-24697(SH)

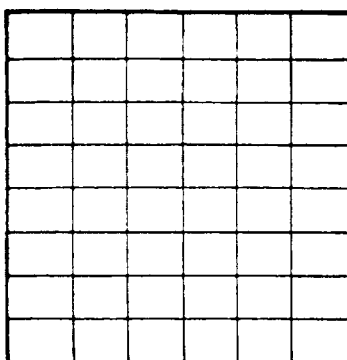
LAYOUT NO 9



2 5/8" x 3"

7 PARTITIONS  
56 DIVIDERS  
64 COMPARTMENTS

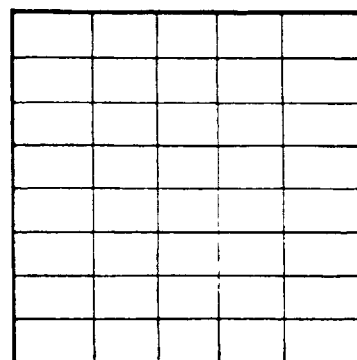
LAYOUT NO 10



3 3/8" x 3"

5 PARTITIONS  
42 DIVIDERS  
48 COMPARTMENTS

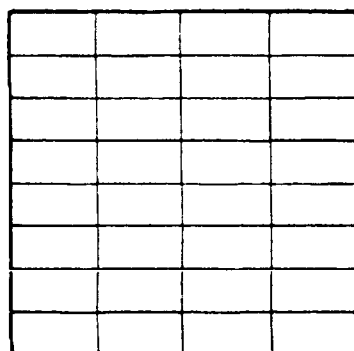
LAYOUT NO 11



4 1/4" x 3"

4 PARTITIONS  
35 DIVIDERS  
40 COMPARTMENTS

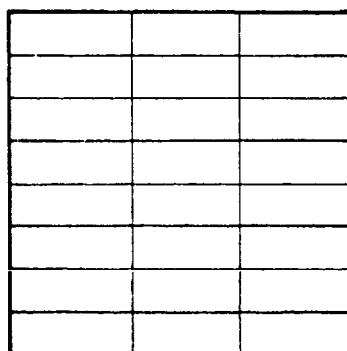
LAYOUT NO 12



5 7/8" x 3"

3 PARTITIONS  
28 DIVIDERS  
32 COMPARTMENTS

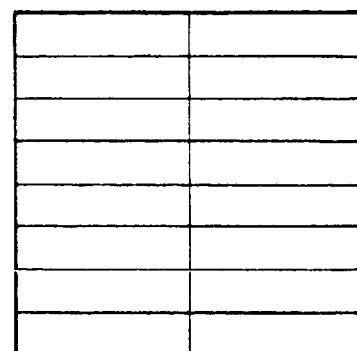
LAYOUT NO 13



7-3/8" x 3"

2 PARTITIONS  
21 DIVIDERS  
24 COMPARTMENTS

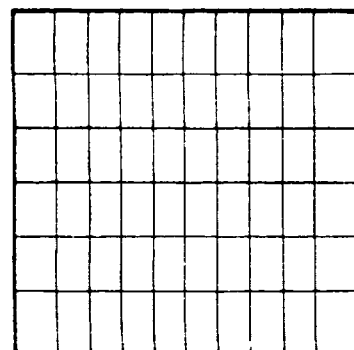
LAYOUT NO 14



12 1/4" x 3"

1 PARTITION  
14 DIVIDERS  
16 COMPARTMENTS

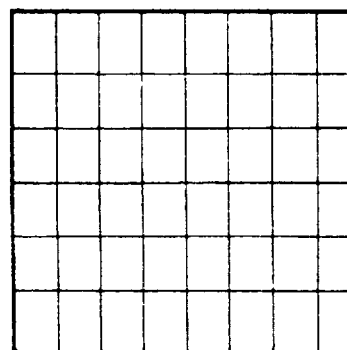
LAYOUT NO 15



1 7/8" x 3 7/8"

9 PARTITIONS  
50 DIVIDERS  
60 COMPARTMENTS

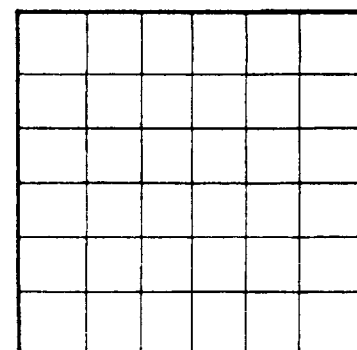
LAYOUT NO 16



2 5/8" x 3 7/8"

7 PARTITIONS  
40 DIVIDERS  
48 COMPARTMENTS

LAYOUT NO 17



3 3/8" x 3 7/8"

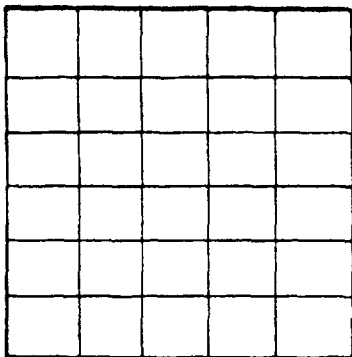
5 PARTITIONS  
30 DIVIDERS  
36 COMPARTMENTS

SH 13202787

FIGURE 4. Standard drawer layouts (type II only). - Continued

## MIL-C-24697(SH)

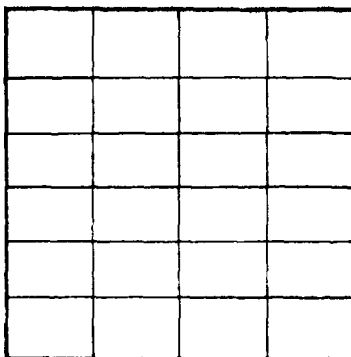
LAYOUT NO 18



4 1/4" x 3 7/8"

4 PARTITIONS  
25 DIVIDERS  
30 COMPARTMENTS

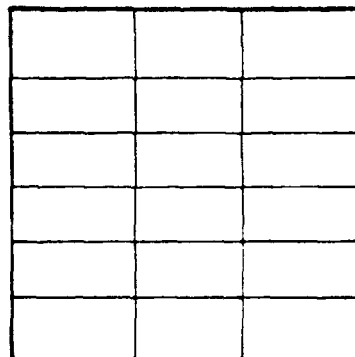
LAYOUT NO 19



5-7/8" x 3 7/8"

3 PARTITIONS  
20 DIVIDERS  
24 COMPARTMENTS

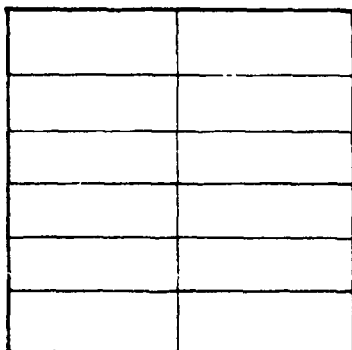
LAYOUT NO 20



7 3/8" x 3 7/8"

2 PARTITIONS  
15 DIVIDERS  
18 COMPARTMENTS

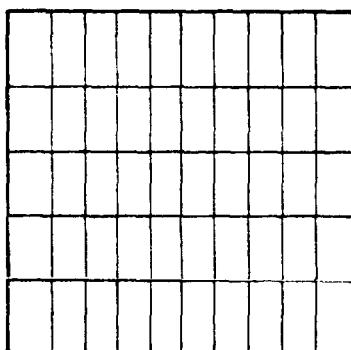
LAYOUT NO 21



12-1/4" x 3-7/8"

1 PARTITION  
10 DIVIDERS  
12 COMPARTMENTS

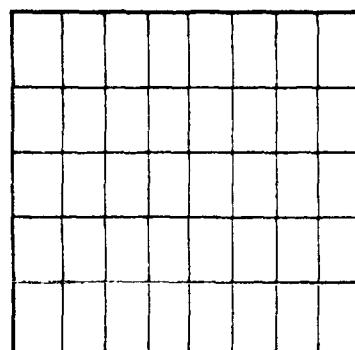
LAYOUT NO 22



1 7/8" x 4-5/8"

9 PARTITIONS  
40 DIVIDERS  
50 COMPARTMENTS

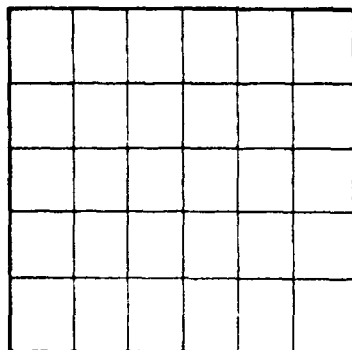
LAYOUT NO 23



2 5/8" x 4 5/8"

7 PARTITIONS  
32 DIVIDERS  
40 COMPARTMENTS

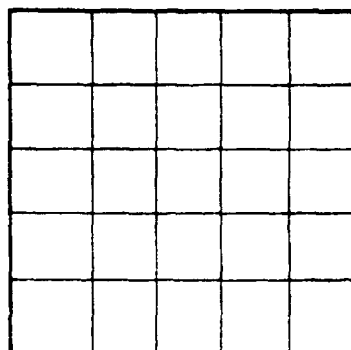
LAYOUT NO 24



3 3/8" x 4 5/8"

5 PARTITIONS  
24 DIVIDERS  
30 COMPARTMENTS

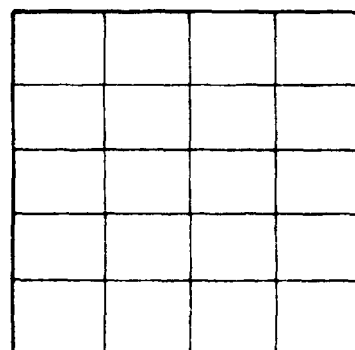
LAYOUT NO 25



4 1/4" x 4 5/8"

4 PARTITIONS  
20 DIVIDERS  
25 COMPARTMENTS

LAYOUT NO 26



5 7/8" x 4 5/8"

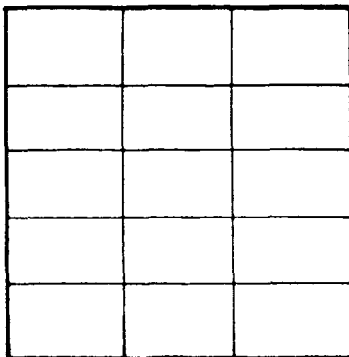
3 PARTITIONS  
16 DIVIDERS  
20 COMPARTMENTS

SH 13202788

FIGURE 4. Standard drawer layouts (type II only). - Continued

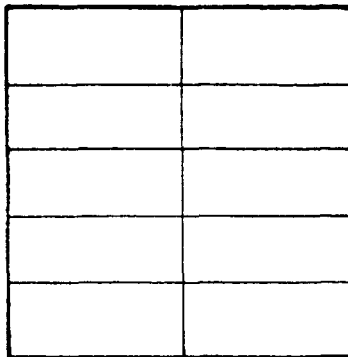
## MIL-C-24697(SH)

LAYOUT NO. 27



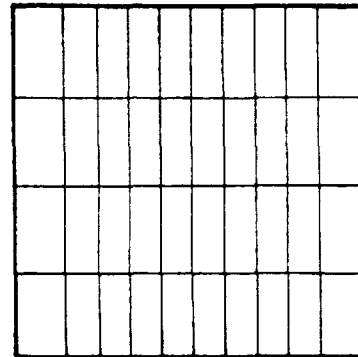
7 3/8" x 4-5/8"  
 2 PARTITIONS  
 12 DIVIDERS  
 15 COMPARTMENTS

LAYOUT NO. 28



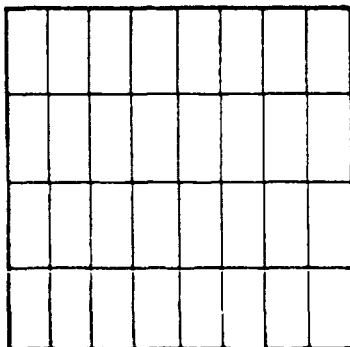
12 1/4" x 4 5/8"  
 1 PARTITION  
 8 DIVIDERS  
 10 COMPARTMENTS

LAYOUT NO. 29



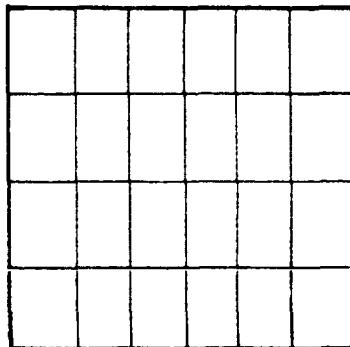
1 7/8" x 6 1/4"  
 9 PARTITIONS  
 30 DIVIDERS  
 40 COMPARTMENTS

LAYOUT NO. 30



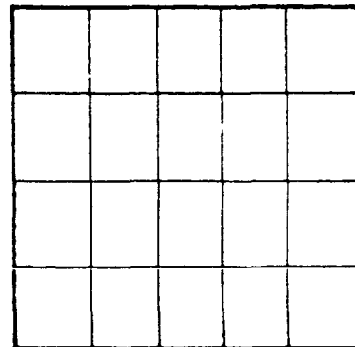
2-5/8" x 6-1/4"  
 7 PARTITIONS  
 24 DIVIDERS  
 32 COMPARTMENTS

LAYOUT NO. 31



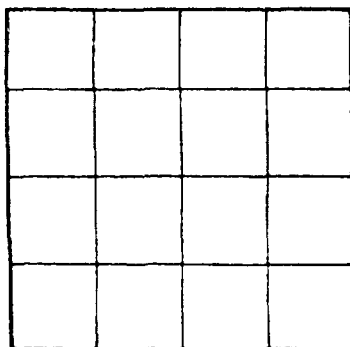
3 3/8" x 6-1/4"  
 5 DIVIDERS  
 18 DIVIDERS  
 24 COMPARTMENTS

LAYOUT NO. 32



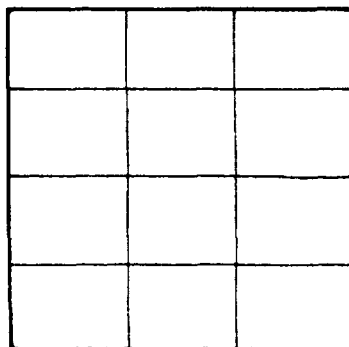
4 1/4" x 6 1/4"  
 4 PARTITIONS  
 15 DIVIDERS  
 20 COMPARTMENTS

LAYOUT NO. 33



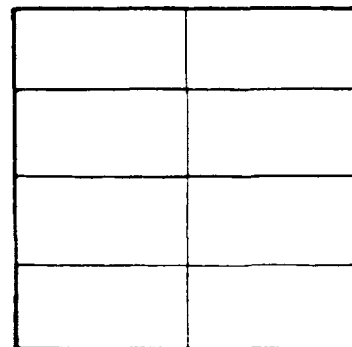
5 7/8" x 6 1/4"  
 3 PARTITIONS  
 12 DIVIDERS  
 16 COMPARTMENTS

LAYOUT NO. 34



7 3/8" x 6 1/4"  
 2 PARTITIONS  
 9 DIVIDERS  
 12 COMPARTMENTS

LAYOUT NO. 35



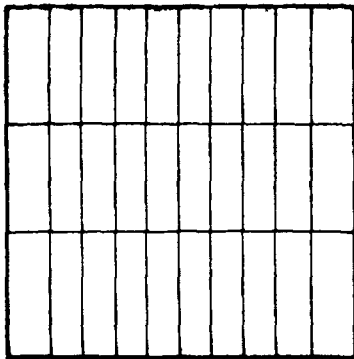
12 1/4" x 6 1/4"  
 1 PARTITION  
 6 DIVIDERS  
 8 COMPARTMENTS

SH 13202789

FIGURE 4. Standard drawer layouts (type II only). - Continued

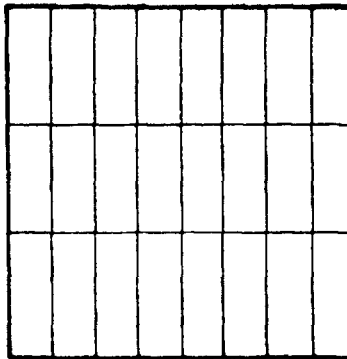
## MIL-C-24697(SH)

LAYOUT NO. 36



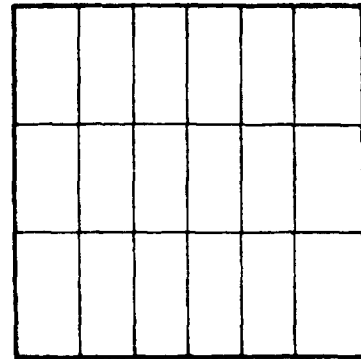
1 7/8" x 7-7/8"  
9 PARTITIONS  
20 DIVIDERS  
30 COMPARTMENTS

LAYOUT NO. 37



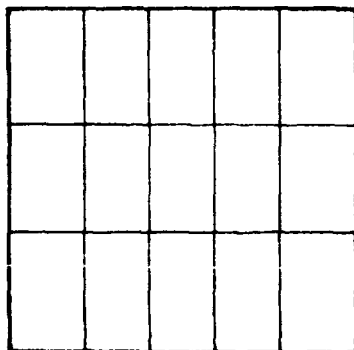
2-5/8" x 7 7/8"  
7 PARTITIONS  
16 DIVIDERS  
24 COMPARTMENTS

LAYOUT NO. 38



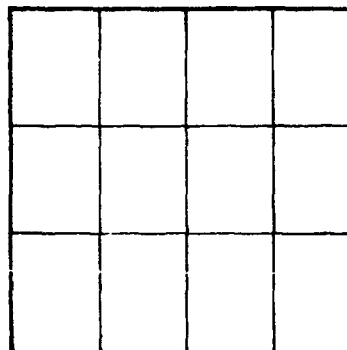
13-3/8" x 7-7/8"  
4 PARTITIONS  
10 DIVIDERS  
18 COMPARTMENTS

LAYOUT NO. 39



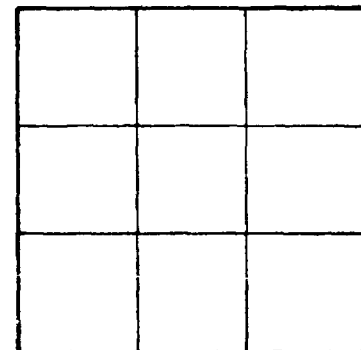
4-1/4" x 7 7/8"  
4 PARTITIONS  
10 DIVIDERS  
15 COMPARTMENTS

LAYOUT NO. 40



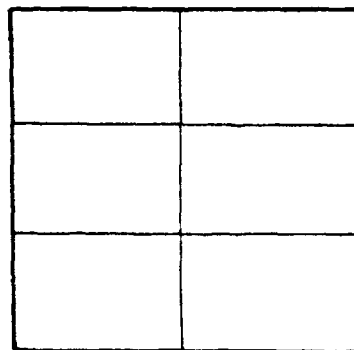
5-7/8" x 7-7/8"  
3 PARTITIONS  
8 DIVIDERS  
12 COMPARTMENTS

LAYOUT NO. 41



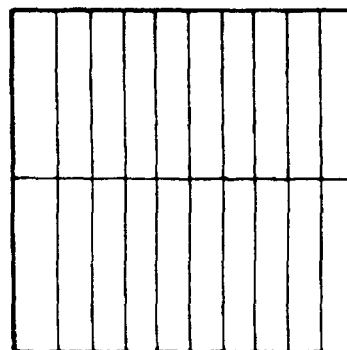
7-3/8" x 7-7/8"  
2 PARTITIONS  
6 DIVIDERS  
9 COMPARTMENTS

LAYOUT NO. 42



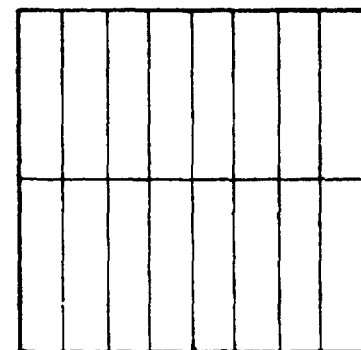
12 1/4" x 7 7/8"  
1 PARTITION  
4 DIVIDERS  
6 COMPARTMENTS

LAYOUT NO. 43



1 7/8" x 12 3/8"  
9 PARTITIONS  
10 DIVIDERS  
20 COMPARTMENTS

LAYOUT NO. 44



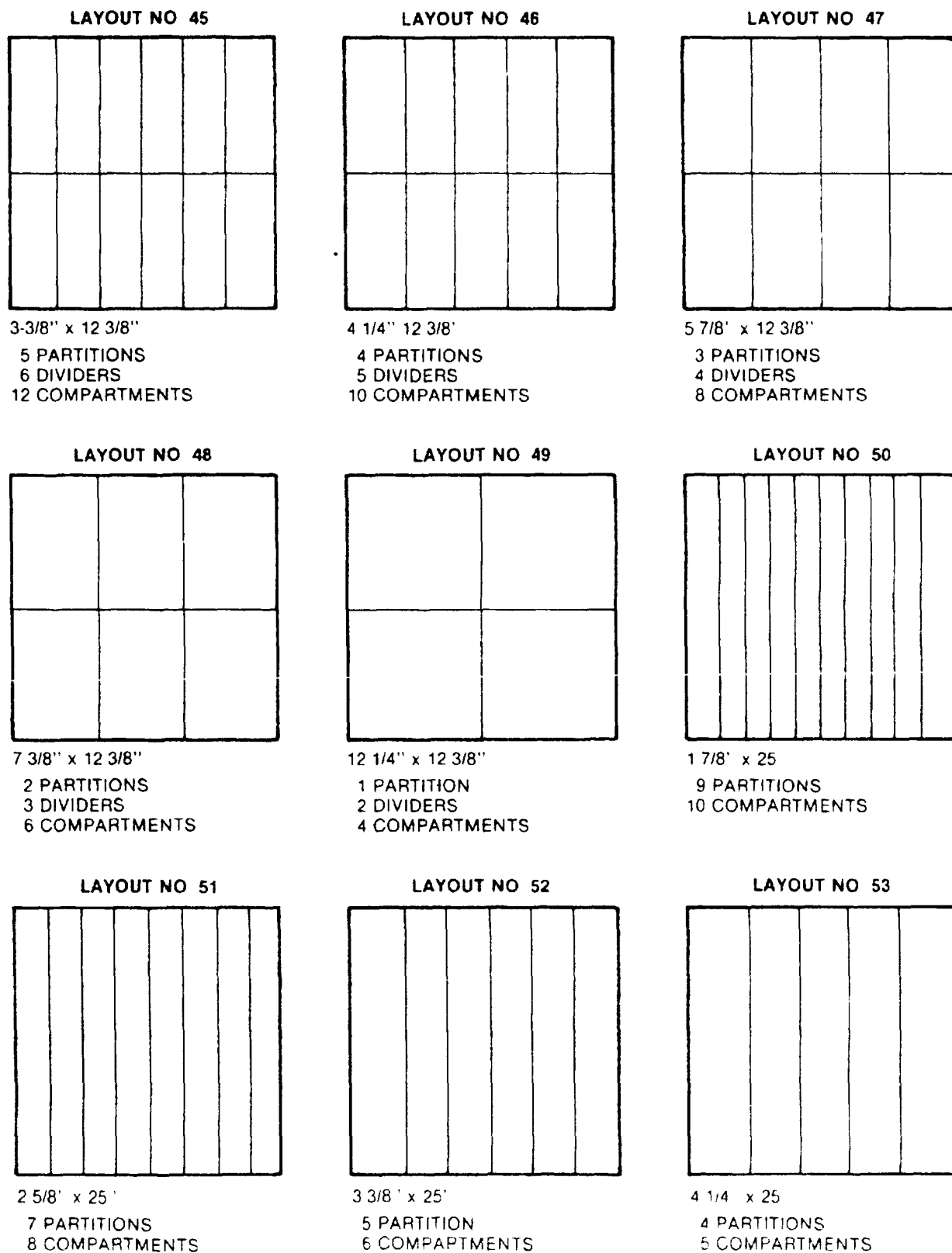
2 5/8" x 12 3/8"  
7 PARTITIONS  
8 DIVIDERS  
16 COMPARTMENTS

SH 13202790

FIGURE 4. Standard drawer layouts (type II only). - Continued



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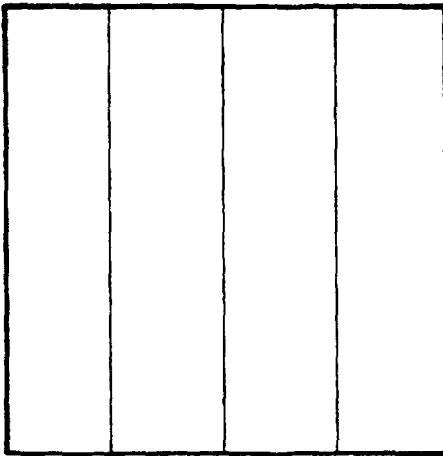


SH 13202791

FIGURE 4. Standard drawer layouts (type II only). - Continued

MIL-C-24697(SH)

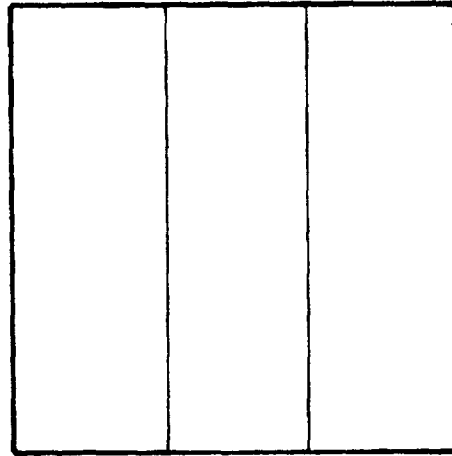
LAYOUT NO. 54



5-7/8" x 25"

3 PARTITIONS  
4 COMPARTMENTS

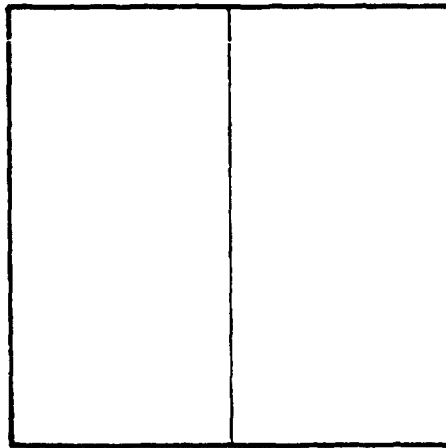
LAYOUT NO. 55



7-3/8" x 25"

2 PARTITIONS  
3 COMPARTMENTS

LAYOUT NO. 56



12-1/4" x 25"

1 PARTITION  
2 COMPARTMENTS

SH 13202792

FIGURE 4. Standard drawer layouts (type II only). - Continued

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(See Instructions - Reverse Side)

## 1. DOCUMENT NUMBER

MIL-C-24697(SH)

## 2. DOCUMENT TITLE

CABINETS, MODULAR DRAWER STORAGE (MDS)

## 3a. NAME OF SUBMITTING ORGANIZATION

## 4. TYPE OF ORGANIZATION (Mark one)

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VENDOR

☐

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☐

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☐

OTHER (Specify) \_\_\_\_\_

## b. ADDRESS (Street City State ZIP Code)

## 5. PROBLEM AREAS

## a. Paragraph Number and Wording

## b. Recommended Wording

## c. Reason/Rationale for Recommendation

## 6. REMARKS

## 7a. NAME OF SUBMITTER (Last First, MI) - Optional

## b. WORK TELEPHONE NUMBER (Include Area Code) - Optional

## c. MAILING ADDRESS (Street, City State ZIP Code) - Optional

## 8. DATE OF SUBMISSION (YYMMDD)