

METRIC
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A-A-55822

1 August 1996

SUPERSEDING

MIL-C-12044D

13 February 1975

## COMMERCIAL ITEM DESCRIPTION

### CHESTS, PLYWOOD

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-C-12044D for all federal agencies.

1. **SCOPE.** This commercial item description covers plywood chests with hinged covers. Figure 1 depicts a typical plywood chest.

### 2. SALIENT CHARACTERISTICS

2.1 Salient characteristics. The plywood chests are to be built such that when fully loaded there is no more than 6 mm (1/4 inch) bottom and side deflection. Nominal 10 cm (4 inch) by 8 cm (3 inch) skids shall be used on all chests having a gross weight (including contents) in excess of 114 kilograms (kg) (250 pounds) and a length of 90 centimeters (cm) (36 inches). Block and wood partitions, if required, shall be held in place with waterproof wood glue and counter sunk wood screws or bolts as appropriate to the load and loading. The plywood chests shall be constructed such that the sanded, unplugged surface of the plywood shall be on the outside of the plywood chest. All exposed edges and corners are to be protected by metal protective and reinforcing edges. Latches, hinges, pulls and cover restraining chains shall be installed. Corner cover pulls are to be installed on all chests. Straight cover pulls shall be used only if the plywood chest length exceeds 1.2 meters (m) (48 inches). The number of handles for each end and side panel shall be as follows: under 60 cm (24 inches) of length - none; one handle for each 30 cm (12 inches) over 60 cm (24 inches) of length. The number of hinges shall be as follows: a minimum of two hinges up to 90 cm (36 inches) of length; one additional hinge for every 30 cm (12 inches) of length over 90 cm (36 inches). There shall be one latch opposite each hinge. All hardware, metal protective and reinforcing edges and restraining chains shall be securely attached such that they cannot be pulled off during their intended use.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent by letter to: Defense Supply Center Richmond, ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.
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AMSC N/A

FSC MISC

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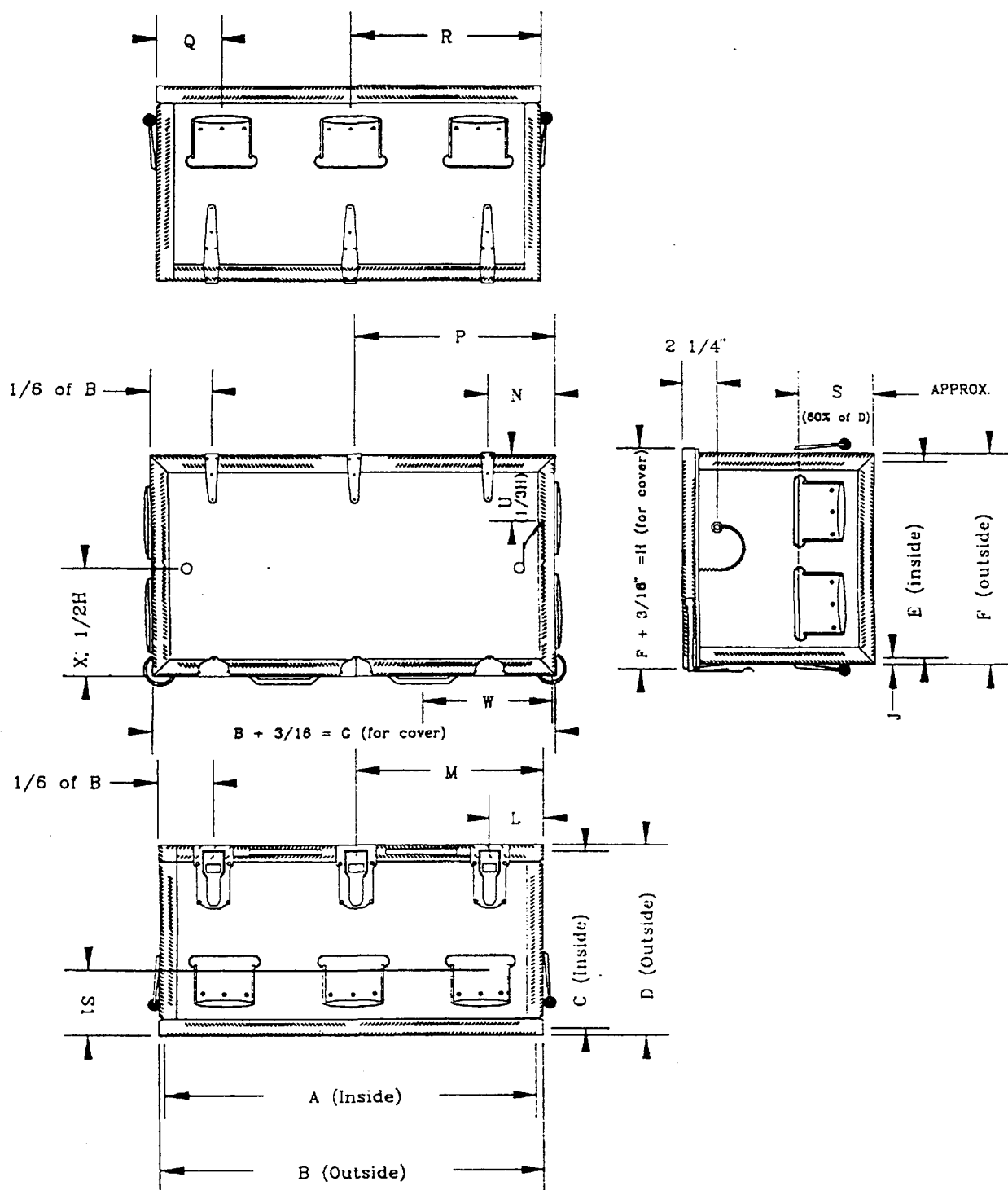


Figure 1. Typical chest, general assembly.

2.2 Wood materials. Boards and dimensional lumber used for interior fittings and skids shall be dry and conform to Western Wood Products Association Voluntary Product Standard PS-20 and Western Lumber Grading Rules -95. Boards shall be number 3 common or better. Dimensional lumber shall be construction grade or better. Plywood shall conform to the specifications of American Plywood Association Voluntary Product Standard PS1-95 for Rated Exterior Sheathing, Group 1, Grade AC plugged.

2.3 Hardware. Hardware (handles, hinges, latches, chains, and pulls) and fasteners (screws, bolts and rivets) shall be of common, commercial sizes and styles.

2.4 Painting. The interior and exterior of the plywood chests shall be primed with an exterior waterbased primer followed by an exterior waterbased top coat. All hardware and metal protective and reinforcing edges shall be clean and free of rust prior to being painted.

2.5 Loading plan. When specified, a loading plan, shall be supplied and shall be securely attached to the underside of the plywood chest lid after the plywood chest has been painted. The loading plan shall be made of laminated thermosetting plastic sheet with markings and lettering permanently applied.

2.6 Information to be supplied. The actual dimensions of the plywood chest (length, width and height); the color the plywood chest is to be painted; the type and weight of the load; details of the trays and partitions; a loading plan (if required), and etc. shall be as specified in the contract or order.

3. **REGULATORY REQUIREMENTS**. The offeror/contractor is encouraged to use recovered materials to the maximum extent possible in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

#### 4. **QUALITY ASSURANCE PROVISIONS**

4.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

4.2 Market acceptability. The item offered must have been sold to the government or commercial market.

4.3 Inspection requirements. Bid samples may be required for item offered when necessary to assure product quality. As specified in the contract or order, the contractor shall supply a sample for government inspection.

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5. PACKAGING. Preservation, packing, labeling, and marking shall be as specified in the contract or order.

## 6. NOTES

### 6.1 Source of documents.

6.1.1 American Plywood Association Standards are available from the American Plywood Association, 7011 S. 19th St., P.O. Box 11700, Tacoma, WA 98411-0700.

6.1.2 Western Wood Products Association Standards are available from the Western Wood Products Association, Yeon Building, 522 S.W. Fifth Avenue, Portland, OR 97204-2122.

6.1.3 The Federal Acquisition Regulations may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001.

6.2 National stock numbers (NSNs). The following table is a list of NSNs which correspond to this CID. The list may not be indicative of all possible NSNs associated with this document.

TABLE 1. NSNs.

NSNs Assigned to A-A-55822			
1375-00-212-4601	3610-00-933-6279	3895-00-883-7466	3895-00-883-7444
3950-00-276-9187	3950-00-276-9188	5140-00-024-0332	5140-00-024-0334
5140-00-024-0335	5140-00-024-0336	5140-00-024-0374	5140-00-034-7819
5140-00-092-9609	5140-00-092-9610	5140-00-098-6846	5140-00-212-5323
5140-00-212-5324	5140-00-212-5325	5140-00-212-5326	5140-00-212-5327
5140-00-392-2718	5140-00-392-2720	5140-00-392-2721	5140-00-542-2362
5140-00-905-4381	5420-00-034-7835	5420-00-355-6150	5420-00-371-9597
5430-00-541-2577	5430-00-693-2963	5430-00-693-2965	6210-00-325-3020
6230-00-355-5375	6635-00-371-9679	6635-00-371-9685	6635-00-371-9686
6635-00-527-5996	6675-00-026-0339	6675-00-026-0340	6675-00-049-5132
6675-00-249-0986	6675-00-249-0988	6675-00-250-9194	6675-00-254-8916
6675-00-561-0122	8115-00-033-6542	8145-00-693-2966	9905-00-371-9408

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6.3 Ordering data. Acquisition documents must specify the following:

- a. Title, name, and date of this commercial item description.
- b. Length, width and height of the interior of the plywood chest.
- c. Details of the interior arrangements, trays, partitions, and blocking requirements.
- d. The usage the chest is being put to, i.e, the contents, shape and weight.
- e. When skids are not required.
- f. The color the chest is to be painted.
- g. Loading plan, if required.
- h. Any special requirements.
- i. Any special packaging requirements.

MILITARY INTERESTS:

Custodian  
Air Force - 99

Reviewers  
Navy - MC  
Air Force - 01  
OASD - SO  
DLA- CS

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS

PREPARING ACTIVITY:

DLA - GS

Project No: MISC-0229