

MIL-C-47100  
29 June 1988  
Superseding  
MIL-C-4710C  
5 December 1974

## MILITARY SPECIFICATION

### CASE SET, TRANSPORT AND STORAGE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

#### 1. SCOPE

1.1 SCOPE. This specification covers case sets (consisting of two cases) for shipment and storage of miscellaneous small parts.

#### 2. APPLICABLE DOCUMENTS

##### 2.1 Government Documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks forms 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 (DODISS) and supplement thereto, cited in the solicitation.

#### SPECIFICATIONS

##### Federal

L-P-391 Plastic Sheets, rods and Tubing, Rigid Cast, Methacrylate (Multi-Application)

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: AIR FORCE PACKAGING EVALUATION AGENCY, AFLC, HQ AFLC/DSTZT KEN DAWSON, WRIGHT-PATTERSON AFB, OH 45433-5999 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

FSC 8115

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

## MIL-C-4710D

L-P-396	Plastic Molding Material and Extrusion Material Polystyrene
NN-P-530	Plywood, Panel
QQ-S-698	Steel, Sheet and Strip, Low-Carbon
QQ-S-781	Strapping, Steel, Flat and Seals
TT-C-490	Cleaning Methods for Ferrous Surfaces and Pretreatment for Organic Coatings
TT-E-485	Enamel, Semi-Gloss, Rust-Inhibiting
TT-W-572	Wood Preservative: Water-Repellant
PPP-F-320	Fiberboard; Corrugated and Solid, Sheet Stock (Container Grade), and Cut Shapes
PPP-S-760	Strapping, Nonmetallic, (and Connectors)

MILITARY

MIL-P-116	Preservation-Packaging, Method of
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STANDARDSFederal

FED-STD-595	Colors
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Military

MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-129	Marking for Shipment and Storage
MIL-STD-130	Identification Marking of U. S. Military Property
MIL-STD-143	Standards and Specifications, Order of Precedence for the Selection of
MIL-STD-810	Environmental Test Methods and Engineering Guidelines
MIL-STD-2073-1	DoD Material Procedures for Development and Application of Packaging Requirements.

MIL-C-4710D

DRAWINGSAir Force

44B9598 Code Ident No. 98750 Handle Assembly - Shipping Case

(Copies of specifications, standards, Publications, and other government documents 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 publications. The following document(s) form 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):****E380 Standard for Metric Practice**

(Application for copies should be addressed to the American society for testing and materials, 1916 Race St., Philadelphia PA 19103.)

**NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INCORPORATED:****National Motor Freight Classification**

Application for copies should be addressed to the American Trucking Association, Inc., Tariff Order Section, 1616 P Street NW, Washington DC 20036.)

**UNIFORM CLASSIFICATION COMMITTEE:****Uniform Freight Classification**

Application for copies should be addressed to the Uniform Classification Committee, Suite 1120, 222 South Riverside Plaza, Chicago IL 60606.)

(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 specification, specification sheets or MS standards), the text of this specification shall take precedence. Nothing in these specifications, however, shall supersede applicable laws and regulations unless a specified exemption has been obtained.

MIL-C-4710D

CLASSIFICATION COMMITTEE. AGENT

## Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.)

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION. INCORPORATED.

## National Motor Freight Classification

(Application for copies should be addressed to the American Trucking Association, Inc., Tariff Order Section, 1616 P Street NW, Washington, DC 20036.)

## 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 6.2).

3.2 Selection of specifications and standards. Specifications and standards for necessary commodities and services not specified herein shall be selected in accordance with MIL-STD-143 except as provided in 3.2.1 and 3.2.2.

3.2.1 Standard parts. AN or MS standard parts shall be used whenever possible, and shall be identified on the drawings or parts list by their part number.

3.2.2 Commercial parts. Commercial utilities parts, such as screws, bolts, washers, nuts, cotter pins, etc., having suitable properties may be used provided:

a. There are no suitable standard parts; or

b. They can be replaced by the standard parts (MS and AN) without alteration, and the corresponding standard part numbers are referenced in the parts list and, if practical, on the contractor's drawings.

3.3 Materials. Materials used in manufacturing this case set shall conform to the requirements specified and specifications referenced herein. Materials which are not covered by specifications or which are not specifically described herein shall be of the best quality, of the lightest practicable weight, and suitable to enable the case set to meet the performance requirements specified.

## MIL-C-4710D

3.3.1 Plywood. Unless otherwise specified, each case set shall be constructed from an exterior type of plywood conforming to NN-P-530. Thickness of plywood shall be 1/4 inch.

3.3.2 Ferrous metals. Ferrous metals used for the case set shall conform to QQ-S-598.

3.3.3 Plastic. Plastics used for construction of the drawers shall be transparent and conform to L-P-391 or L-P-396, Type III.

3.3.4 Fungus, rodent, insect proof materials. Plywood shall be treated with composition C or D of TT-W-572. The plywood shall be completely immersed in the preservation solution maintained at 70 degrees F to 90 degrees F for a minimum of ten minutes. After withdrawal, the plywood shall be allowed to drain thoroughly before use. Any cut edges shall be brush-treated with the solution before assembly of the case.

3.3.5 Gasket. A gasket of neoprene or other equivalent materials shall be provided on one case body half assembly of each case. The gasket shall be flexible at -20 degrees F and shall not disintegrate or separate from the case at -40 degrees F (see figure 3).

3.3.6 Protective treatment of materials. When materials used in the construction of the case set are subject to deterioration when exposed to natural environmental conditions they shall be protected against such deterioration in a manner that will in no way prevent compliance with the requirements of this specification. The use of protective coatings that are not resistant to extreme changes in natural environmental conditions shall be avoided.

3.4 Design. The case set design, configuration, size, and dimensions shall conform to figures 1 through 7.

3.4.1 Case set. The case set shall consist of two cases. (Case No. 1, see figure 5, and Case No. 2, see figure 6.)

3.4.1.1 Case No. 1. Case No. 1 shall consist of a left half and a right half, two handles, three hinges, and two closure bolts. Each half of Case No. 1 shall contain a total of 32 "B" size drawers. (See figures 5 and 7.)

3.4.1.2 Case No. 2. Case No. 2 shall consist of a left half and a right half, two handles, three hinges, and two closure bolts. Each half of Case No. 2 shall contain 4 "A" size drawers and 8 "C" size drawers. (See figures 6 and 7.)

## MIL-C-4710D

3.4.2 Handles. The handles shall conform to U. S. Air Force drawing 44B9398 and positioned on the case set in accordance with figure 1. The handles shall not fail nor pull loose from the case when subjected to the test specified in 4.5.3.

3.4.3 Hinges. The hinges shall conform to part number S-1254 hinge, new offset, No. 1 finish, manufactured by J. H. Sessions and Son, or equal. The three hinges shall be fastened to the case set and positioned in accordance with figure 1.

3.4.4 Interchangeability. All parts having the same manufacturer's part number shall be functionally and dimensionally interchangeable.

3.5 Construction. The case set shall be so constructed that no component part will work loose in services, and withstand the strains, impacts, and other rough handling conditions incident to shipment and storage of small parts weighing not more than 200 pounds per case.

3.5.1 Sealing. The sealant must establish contact with adjacent surfaces, must have a fillet with not less than 1/8" or more than 1/4" measuring across the diagonal. The sealant must be applied around each back plate of the handle inside the case and all internal corners of the case must be sealed along with the inside of the male tongue assembly.

3.6 Performance. Each container of the case set shall be capable of withstanding the test in 4.5 to the extent specified herein. Following each test, the case set shall be capable of being opened and closed with ease and shall show no signs of structural failure, loss of protective coatings, or separation or disintegration of gasket materials. Drawers shall not be cracked or deformed.

3.6.1 Temperature resistance. The case set and all drawers shall be fully and easily operable following the low and high temperature tests specified in 4.5.1.1.1 and 4.5.1.1.2 respectively.

3.6.2 Humidity resistance. Only minor corrosion is permitted (see 6.3) and the gain in weight shall not exceed 5 percent of the initial weight of the case set, when subjected to the test specified in 4.5.1.1.3.

3.6.3 Corrosion resistance. Only minor corrosion is permitted (see 6.3) when exposed to atmosphere containing salt-laden moisture when subjected to the test specified in 4.5.1.1.4.

3.6.4 Durability. The case sets shall show no signs of structural failure when subjected to the drop test specified in 4.5.2.

## MIL-C-4710D

**3.7 Finishes and protective coatings.**

**3.7.1 Metal parts.** Ferrous metal parts shall be covered with a phosphate coating conforming to TT-C-490, type I or II, prior to assembly. Closure bolts, if otherwise protected against corrosion, may be exempted from this requirement (see figure 4).

**3.7.2 Painting and color.** The paint shall conform to TT-E-485. Unless otherwise specified, the color of the case set shall be olive drab, Color No. 24087 or FED-STD-595 (see 6.2). One coat shall be applied inside and outside of the case set subsequent to assembly. Particular care shall be taken to assure complete coverage of handles, rivet heads, body binding, and similar areas.

**3.8 Marking.**

**3.8.1 Identification.** The case set shall be marked for identification on the outside of each case beneath the handles in accordance with MIL-STD-130. The following additional information shall be included in 3/4 inch letters:

Case Set, Transport and Storage

Case No. \_\_\_\_\_ (1 or 2, as applicable)

Specification MIL-C-4710

**3.8.2 Stenciling.** The case set shall be stenciled as shown in figures 1 and 2.

**3.9 Workmanship.** The case set including all parts shall be well made and free from any defects which may affect durability, strength, or serviceability. All edges of nonmetallic materials resulting from machining, drilling, etc., shall be permanently sealed. All burrs and sharp edges shall be removed.

**3.9.1 Dimensions.** Dimensions and tolerances not specified shall be as close as is consistent with the best shop and engineering practices. Where dimensions and tolerances may affect the interchangeability or performance of the case set, they shall be held or limited accordingly.

**3.9.2 Riveting.** All rivets, bolts, and screws shall be tight and free from cracks; heads shall be properly formed and concentric with the body of the rivets, bolts, and screws.

## MIL-C-4710D

3.9.3 Welding. Welds shall be free of craters and exhibit characteristics of fusion, penetration, and soundness of weld deposit representative of good welding practice. All welding fluxes, scale, weld spatter, burrs, and sharp edges shall be completely removed prior to application of any finish coats.

3.9.4 Cleaning. Each case set shall be thoroughly cleaned of all foreign matter after final assembly.

#### 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.

4.1.1 Responsibility for compliance. All items must meet all requirements of section 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 inspection. 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.

4.3.1 First article sample. For testing (see 6.2). First article sample shall consist of one case set on which approval is desired.



## MIL-C-4710D

**4.3.2 First article test.** First article test shall be conducted on the sample (see 4.3.1) and shall consist of all inspections and test specified herein except as specified in 4.4.3.2. The test results shall be approved by the procuring activity before production is started.

**4.3.2.1 First article retest.** First article tests shall be repeated in the event a change in the manufacturing process or a change in material is made.

**4.4 Quality conformance inspection.** Quality conformance inspection shall consist of all examinations specified herein and tests specified under 4.5.

**4.4.1 Sampling for quality conformance inspection.** Sampling for quality conformance shall be performed in accordance with the provisions set forth in MIL-STD-105, except where otherwise indicated. For the purpose of sampling, inspection, and test, a lot shall consist of all case sets submitted for delivery at one time.

**4.4.1.1 Inspection levels and acceptable quality level (AQLs) for examinations.** The inspection levels for determining the sample size and the acceptable quality levels (AQLs), expressed in defects per 100 units shall be as follows:

EXAMINATION PARAGRAPH	INSPECTION LEVEL	AQL	
		Major	Minor
4.4.3.1	II	2.5	10.0
4.4.3.2	S-4	4.0	----

**4.4.2 Process examination.** Examination shall be made to determine compliance with fabricated features and surface treatment (see 3.7.1). When a deficiency is noted, correction shall be made. Failure to make immediate correction shall be cause for rejection of affected end case lots.

**4.4.3 Examination of the end item.** Examination of the end item shall be made in accordance with the inspection levels and acceptable quality levels (AQLs) specified in 4.4.1.1 and the classification of defects set forth in the following paragraphs.

## MIL-C-4710D

4.4.3.1 Examination of the end item for defects in finish, construction, workmanship, markings, and dimensions. The sample unit(s) for this examination shall be a complete case set(s).

EXAMINE	DEFECT	CLASSIFICATION	
		Major	Minor
Finish	Not color specified		X
	Rust on metal surfaces	X	
	Peeling or blistered	X	
	Not smooth and uniform	X	
	Touch up not neat		X
	not completely dry (tacky)		X
	Dirt, grit, or foreign matter imbedded in the enamel		X
	Color separation or discoloration affecting appearance		X
Construction	Construction details not per figures 1 thru 7	X	
	Case set not consisting of cases 1 and 2	X	
	Not fabricated of material specified	X	
	Material not type or size specified	X	
	Not equipped with two handles	X	
	Not equipped with three hinges	X	
	Not equipped with two closure bolts	X	
	Case 1 not containing 64 "B" size drawers	X	
	Case 2 not containing 8 "A" size and 16 "C" size drawers	X	
	Any hole thru container	X	
	Component damaged affecting usability	X	
	Component damaged not affecting usability		X
	No gasket	X	
	Gasket not cemented down entirely		X
	Gasket deformed or torn	X	
	Center partition missing from drawers	X	
	Identification card guide missing from drawers	X	

## MIL-C-4710D

Workmanship	Drawer not provides with leather tab	X	
	Tab not securely riveted to drawer front	X	
	Force fit of lid on body	X	
	Lid loose on body with closure	X	
	Panel warped more than 1/8 inch in length or width		X
	Drawers don't operate smoothly and freely		X
	More than one rivet, screw, or bolt missing, or loose unpeened rivet	X	
	One rivet, screw, or bolt missing, or loose unpeened rivet		X
	Sharp burr or silver that may cause injury	X	
	Cases not clean; presence of dirt, sawdust, metal chips, or other foreign matter inside cases		X
Markings	Omitted, incomplete, incorrect, or illegible	X	
Dimensions	Not neatly applied		X
	Not within tolerance specified on figures 1 thru 7	X	

4.4.3.2 Examination of packaging. An examination shall be made to determine that packaging, packing, and markings comply with the requirement of section 5. The sample unit (s) shall be the shipping container (s) for complete case set (s).

EXAMINE	DEFECT	CLASSIFICATION	
		Major	Minor
Packaging & Packing	Component missing or damaged	X	
(when specified)	Material not as specified	X	

## MIL-C-4710D

4.5 Test methods.

4.5.1 Environmental test. A sample case set, properly closed, shall be subjected to each of the following tests in accordance with the applicable procedures of MIL-STD-810. To expedite testing, additional cases may be submitted for environmental testing at the option of the manufacturer.

4.5.1.1 The following tests shall be conducted with the case set drawers inserted in their respective case prior to testing.

4.5.1.1.1 Low temperature. One case set shall be subjected to a low temperature test in accordance with MIL-STD-810, Method 502, Procedure I. At the end of the exposure period, the case set shall be inspected to determine compliance with 3.6.

4.5.1.1.2 High temperature. One case set shall be subjected to a high temperature test in accordance with MIL-STD-810, Method 501, Procedure I. At the conclusion of this test, the case set shall be inspected to determine compliance with 3.6.

4.5.1.1.3 Humidity. One case set shall be subjected to a humidity test in accordance with MIL-STD-810, Method 507, Procedure I for five cycles (120 hours). Each case shall be weighted prior to the test. At the conclusion of the test, the exterior moisture shall be wiped dry and each case reweighed prior to opening. The gain in weight of either case shall not exceed 5 percent of the initial weight of the respective cases. The cases shall then be inspected to determine compliance with 3.6.

4.5.1.1.4 Salt spray. One case set shall be subjected to a salt spray test in accordance with MIL-STD-810, Method 509 for 100 hours. The case set shall then be inspected to determine compliance with 3.6.

4.5.2 Drop test. Sample case sets with the drawers removed, shall be subjected to the drop test. The case sets shall be prepared for testing with 200 pounds of dummy load in each case. Each case shall be subjected to one free fall on each of the eight corners from a height of 24 inches. The case shall be positioned for the drop test with two diagonally opposite corners in a vertical line. The case shall fall to a rigid concrete surface or equivalent. The case after dropping will remain symmetrically rectangular and steady (See 3.6.4). The case shall be inspected to determine compliance with 3.6.

## MIL-C-4710D

4.5.3 Handle test. Following the test specified in 4.5.2, the sample case set with the drawers removed shall be subjected to the handle test. The dummy load of 200 pounds shall be retained in each case, and the cases lifted separately by each handle clear of the floor. The cases shall be lifted in this manner five times by each handle and held for five minutes each time. The handles shall remain tightly attached to the case and in good working condition (see 3.4.22). The case shall then be inspected to determine compliance with 3.6.

## 5. PACKAGING

5.1 Packaging. (Reference MIL-STD-2083-1 for definition of levels of preservation and packaging). Preservation and packaging shall be Level A or C as specified (see 6.2).

5.1.1 Level A. Each case shall be preserved and packaged for mechanical and physical protection only in accordance with MIL-P-116. The molded rubber gasket of each case shall be uniformly covered with talc to prevent adhesion during storage. Closure shall be effected by the use of the closure bolts.

5.1.2 Level C. Case sets shall be cleaned, dried, and protected to afford adequately protection against deterioration, corrosion, and damage during shipment from the supply source to the first receiving activity.

5.2 Packing. (Reference MIL-STD-2073-1 for definitions of levels of packing). Packing shall be level A or C as specified (see 6.2).

5.2.1 Level A. The two cases (set) shall be stacked with a fiberboard separator between them; further, fiberboard caps shall be utilized, one on the top and one on the bottom. Caps shall be fabricated of Type CF, Class Weather Resistant, Grade V3C, single wall fiberboard in accordance with PPP-F-320. The side of the cap shall be 4 inches long. The case shall be strapped together with strapping in accordance with PPP-S-760 or QQ-S-781, Finish A, one strap around lengthwise and two around the pack widthwise to be positioned four inches in from each end. When nonmetallic strapping is used, the seals must be of flat type.

5.2.2 Level C. Two case (set) shall be packed as a unit in a manner to insure carrier acceptance and safe delivery at destination. Containers and packing shall comply with Uniform Freight Classification Rules and National Motor Freight Classification Rules, as applicable.

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

MIL-C-4710D

6 NOTES

6.1 Intended use. The case set covered by this specification is intended for transporting and storage of small parts. In storage, cases may be stacked closed or stacked open to form multiple units.

6.2 Ordering data. Procurement document should specify:

- a. Title, number, and date of this specification.
- b. Color of case (see 3.7.2).
- c. First article sample inspection and testing (see 3.1 and 4.3.1).
- d. Level of preservation and packaging required (see 5.1).
- e. Level of packing required (see 5.2).

6.3 Minor corrosion. The term "minor corrosion" shall be construed to mean minor streaking or staining which would in no way interfere with the opening or closing of the case or with the normal utility of the case set. Such minor corrosion shall be confined to the exterior of the case set and shall not be present on the interior of the case set.

6.4 Metric conversions. Metric conversions conforming to ASTM E380 are compiled in table IV.

TABLE IV. Metric conversions.

English	Metric	Reference
1/4 in	0.64 cm	3.3.1, 3.5.1, fig 1 & 7
70 degree F	21 degree C	3.3.4
90 degree F	32 degree C	3.3.4
-20 degree F	-29 degree C	3.3.5
-40 degree F	-40 degree C	3.3.5
200 lbs	9.07 kg	3.5, 4.5.2, 4.5.3
1/8 or 0.125 in	0.318 cm	3.5.1, figs 3 & 7
3/4 in	1.91 cm	3.8.1, figs 2, 5, 6 & 7
24 in	61 cm	4.5.1
4 in	10 cm	5.2.1
1/16 in	0.16 cm	figs 1 & 7
0.010 in	0.025 cm	figs 1 & 7
0.598 in	0.152 cm	figs 1, 2, 3, 5 & 6
2 in	5 cm	fig 1
0.059 in	0.150 cm	fig 1
0.067 in	0.170 cm	fig 1
3/64 in	0.76 cm	fig 1, 3, 5, 5 & 7

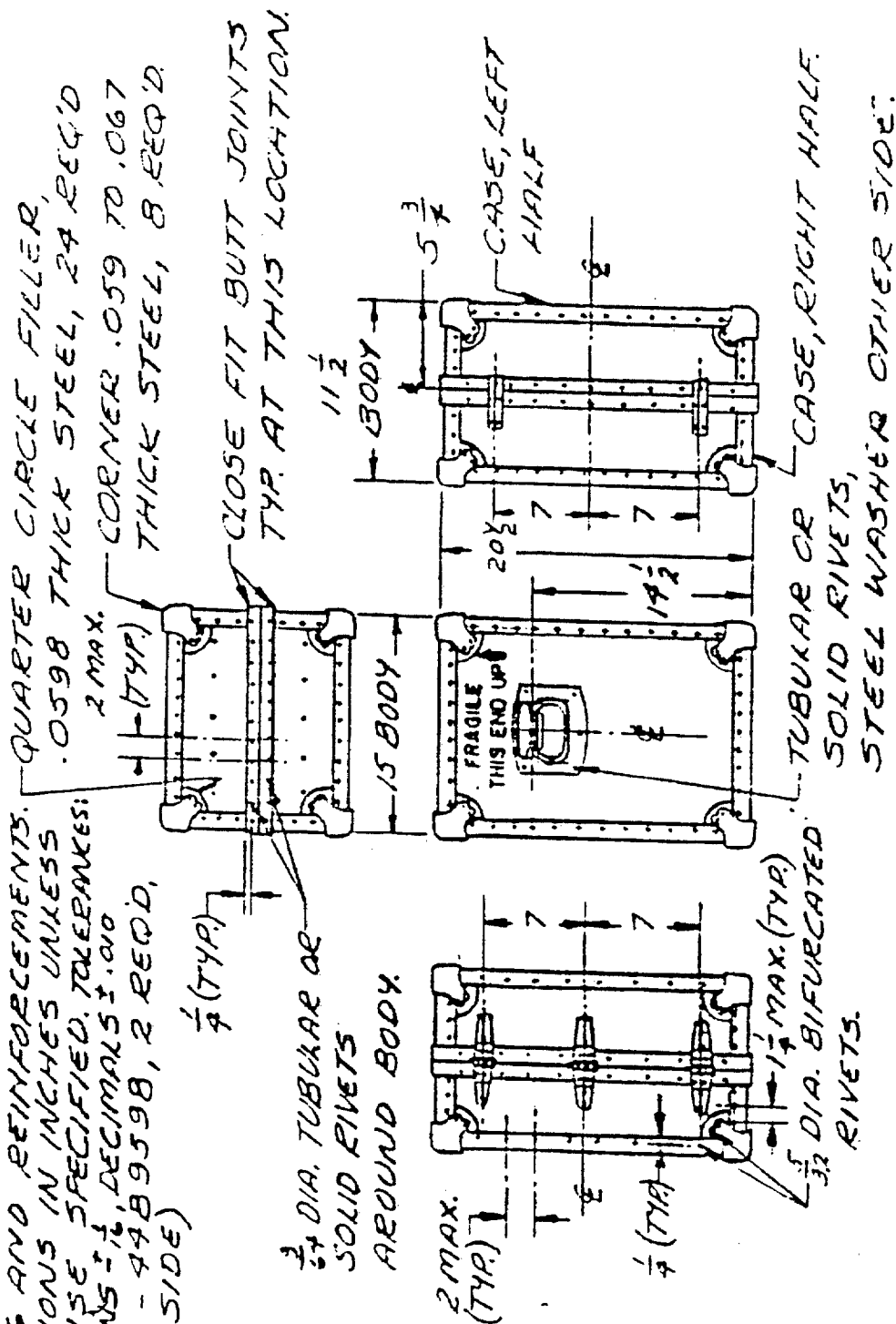
## MIL-C-4710D

English	Metric	Reference
15 in	38 cm	fig 1
11-1/2 in	29.2 cm	fig 1
5-3/4 in	14.6 cm	fig 1
7 in	18 cm	fig 1
20-1/2 in	52.1 in	fig 1
14-1/2 in	36.8 cm	fig 1
1-1/4 in	3.18 cm	figs 1, 2 & 4
5/32 in	0.40 cm	fig 1
1-1/8 in	2.86 cm	figs 2 & 3
1/2 in	1.3 cm	figs 2 & 3
3/32 in	0.24 cm	figs 2 & 3
1/32 in	0.08 cm	figs 2, 3, 5, 6 & 7
1/64 in	0.04 cm	fig 3
1-3/8 in	3.50 cm	fig 3
5/8 in	1.59 cm	figs 3, 4 & 7
5/16 in	0.79 cm	figs 3 & 4
7/8 in	1.98 cm	figs 3, 5 & 6
7/16 in	1.11 cm	fig 3
0.080 in	0.203 cm	fig 3
8 in	20 cm	fig 3
1-5/8 in	4.13 cm	figs 3, 4, 5 & 6
4-1/4 in	10.8 cm	fig 4
0.074 in	0.188 cm	fig 4
0.029 in	0.074 cm	figs 5 & 6
0.032 in	0.081 cm	figs 5, 6 & 7
5-1/8 in	13.0 cm	figs 5 & 6
2-7/8 in	7.30 cm	figs 5, 6 & 7
5-1/4 in	13.3 cm	figs 5, 6 & 7
3-1/4 in	8.26 cm	figs 5 & 7
19-5/8 in	49.9 cm	figs 5 & 6
0.020 in	0.051 cm	fig 7
0.062 in	0.152 cm	fig 7
2-3/16 in	5.56 cm	fig 7
1-1/2 in	3.8 cm	fig 7
6-1/4 in	15.9 cm	fig 7
4-3/4 in	12.1 cm	fig 7
0.025 in	0.064 cm	fig 7
3-1/2 in	8.9 cm	fig 7
1 in	2.5 cm	fig 7
2-3/8 in	6.04 cm	fig 7
0.100 in	0.254 cm	fig 7

MIL-C-4710D

## NOTES:

BODY PANELS  $\frac{1}{4}$  PLYWOOD. BODY DIMENSIONS DO NOT INCLUDE BUNDLING AND REINFORCEMENTS. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES:  $\pm \frac{1}{16}$ , DECIMALS  $\pm .010$ . HANDLE - 44B9598, 2 REQ'D. (1 EACH SIDE)

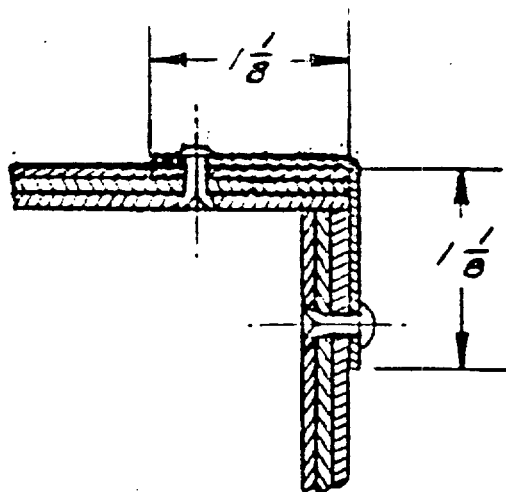


CASES

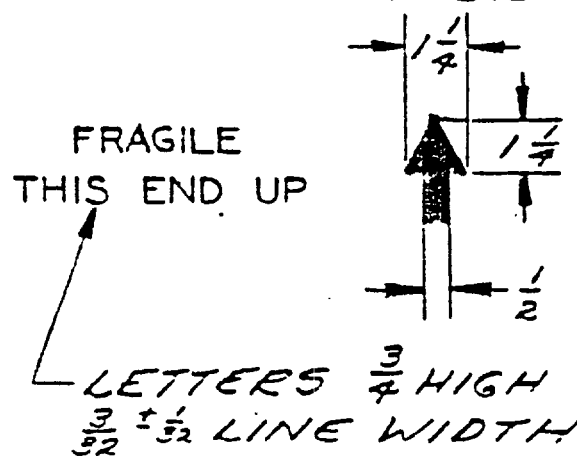
FIGURE 1



MIL-C-4710D



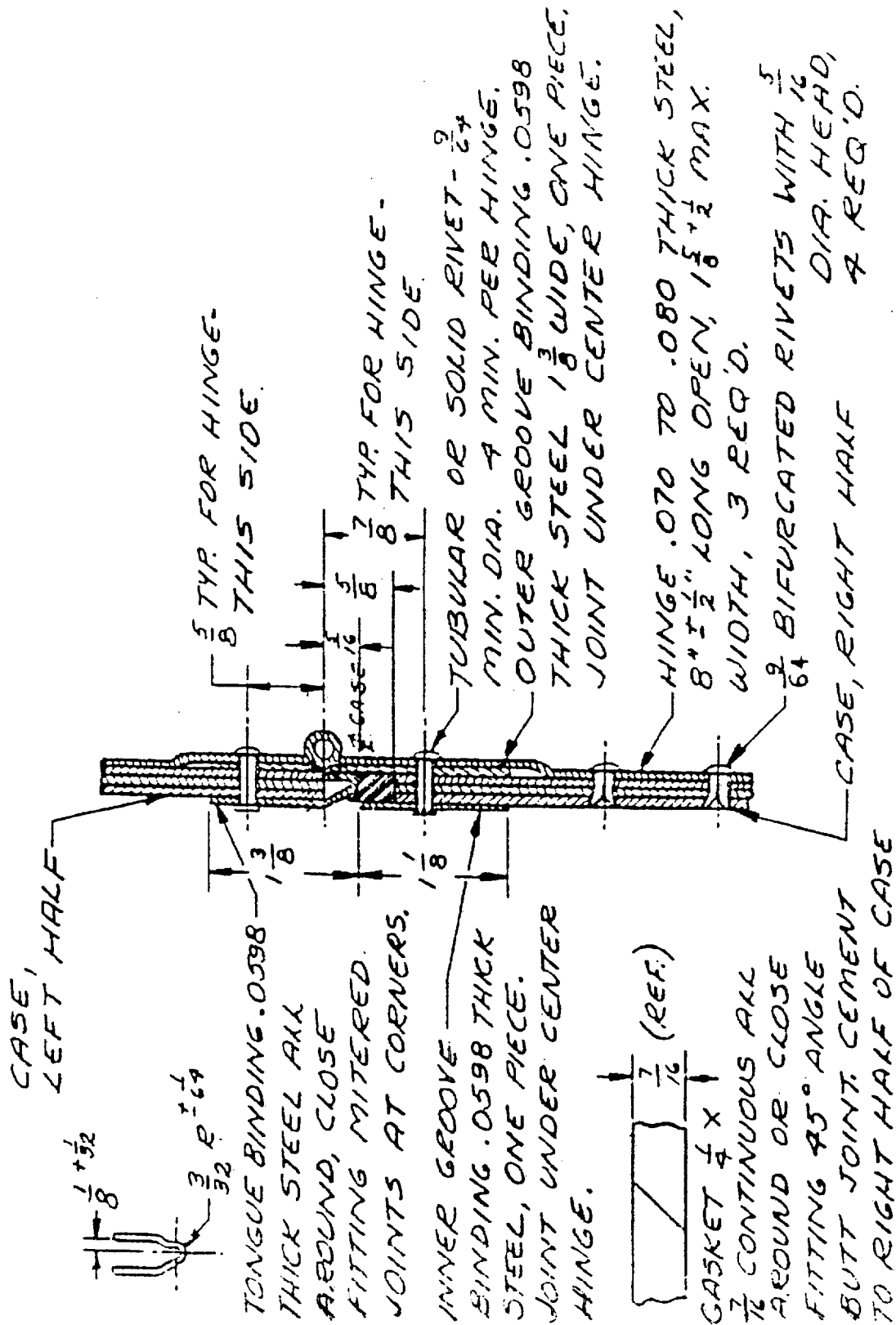
BODY BINDING (TYPICAL)  
 .0598 THICK STEEL



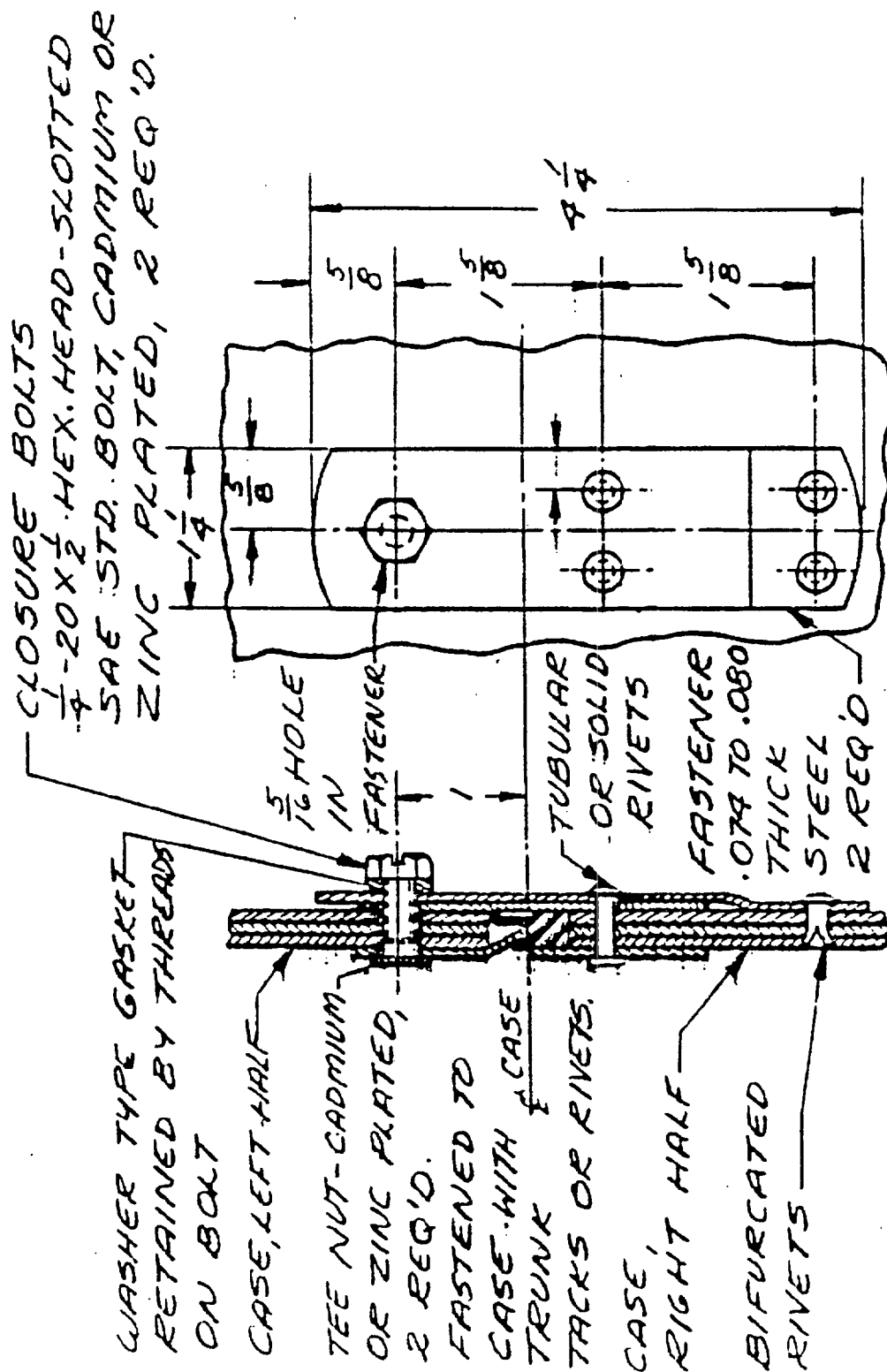
DECAL OR STENCIL DETAIL

FIGURE 2

MIL-C-47103


 SECTION THRU HINGE  
 FIGURE 3

MIL-C-4710D



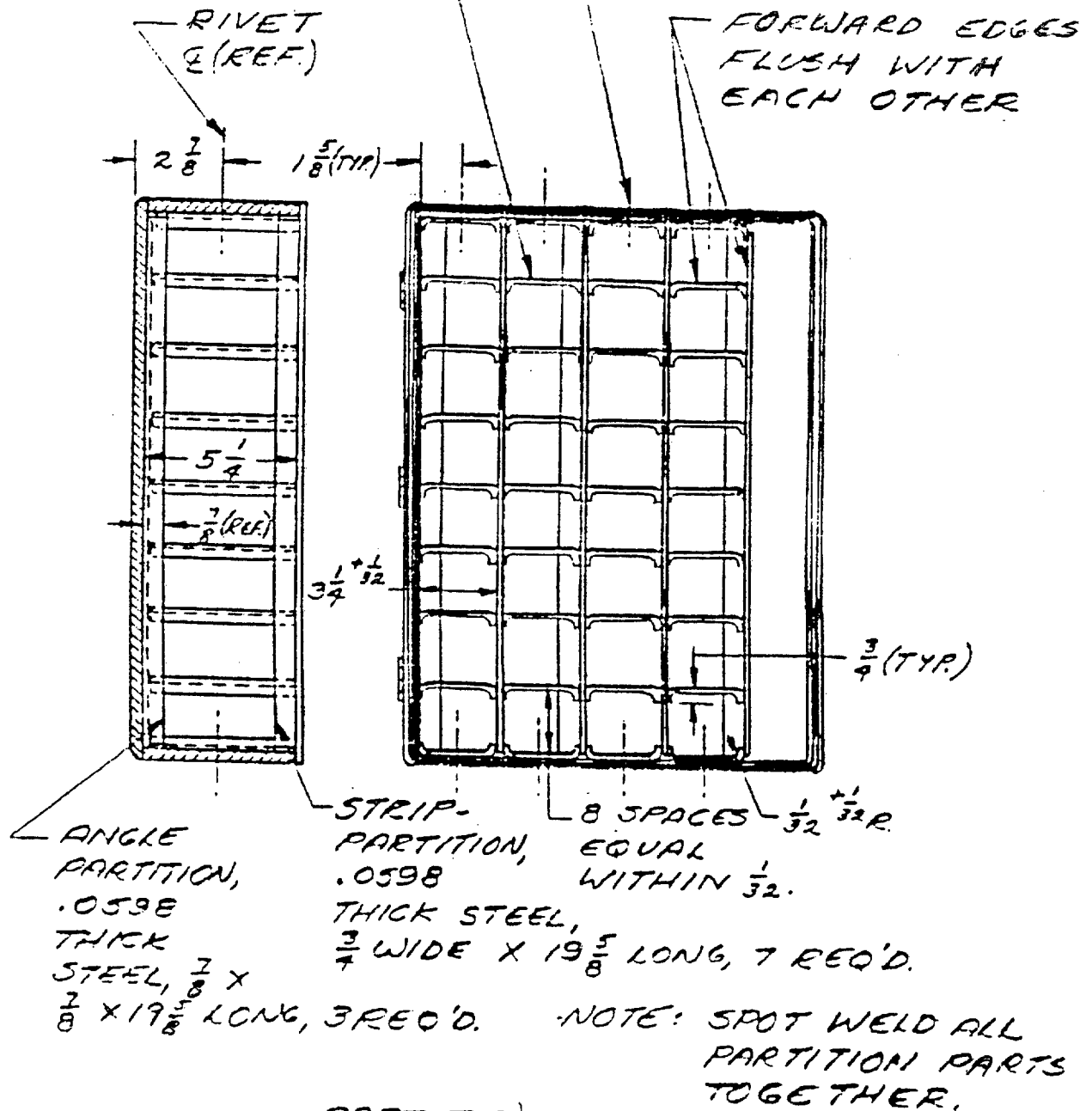
SECTION THRU FASTENER

FIGURE 4

MIL-C-4710E

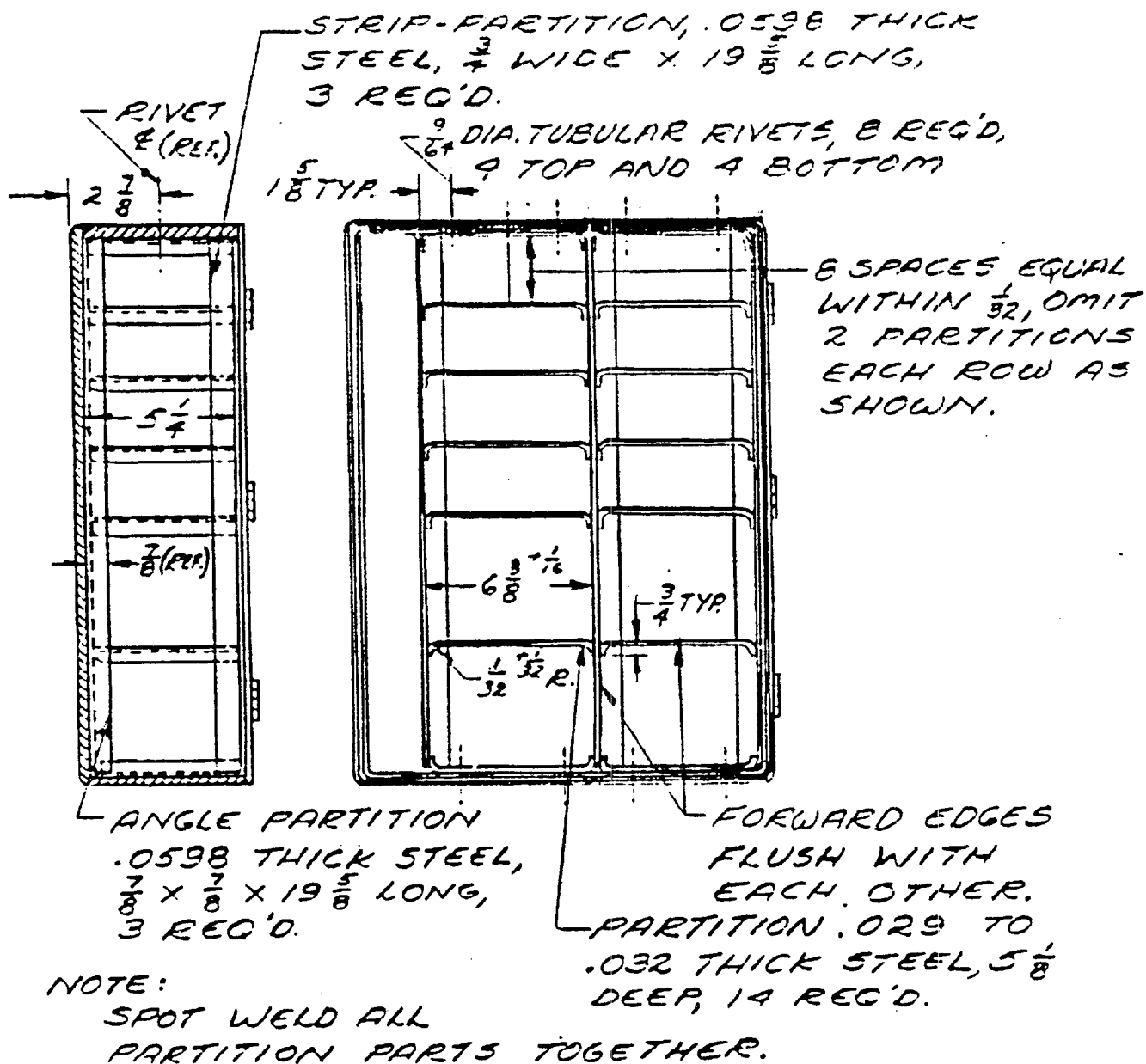
PARTITION .028 TO .032  
THICK STEEL,  $5\frac{1}{8}$   
DEEP, 36 REQ'D.

$\frac{9}{64}$  DIA. TUBULAR RIVETS,  
8 REQ'D (4 TOP AND  
4 BOTTOM).



PARTITIONS-CASE NO. 1  
LEFT HALF OF CASE SHOWN  
RIGHT HALF OF CASE OPPOSITE  
FIGURE 5

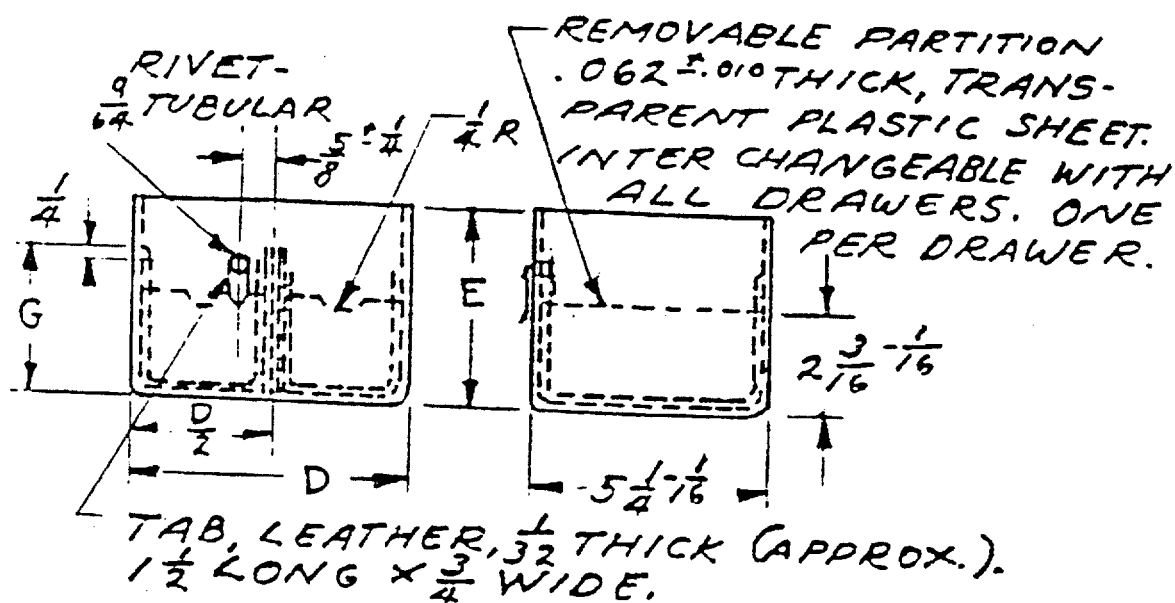
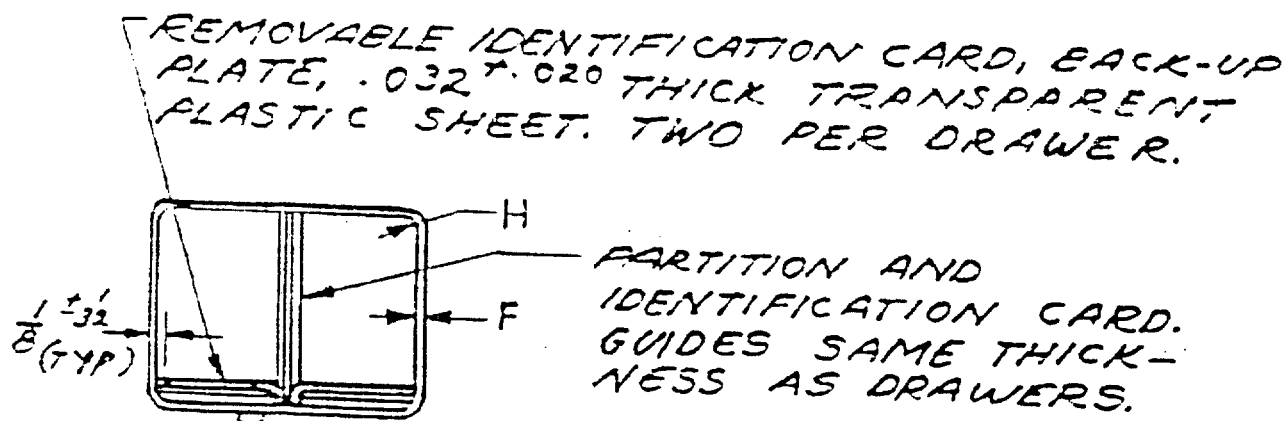
MIL-C-4710D



PARTITIONS-CASE NO. 2  
RIGHT HALF OF CASE SHOWN  
LEFT HALF OF CASE OPPOSITE

FIGURE 6

MIL-C-4710E



DRAWER SIZE	DIMENSIONS					QUANTITY REQ'D	CASE NO.
	D - $\frac{1}{16}$	E - $\frac{1}{16}$	F	G	H		
A	6 $\frac{1}{4}$	4 $\frac{1}{4}$	.125 $\pm$ .025	3 $\frac{1}{4}$	1 MAX.	8	2
B	3 $\frac{1}{4}$	2 $\frac{3}{4}$	.100 $\pm$ .010	1 $\frac{1}{4}$	5/8 MAX.	64	1
C	6 $\frac{1}{4}$	2 $\frac{3}{4}$	.125 $\pm$ .010	1 $\frac{1}{4}$	3/4 MAX.	16	2

DRAWERS -  
TRANSPARENT PLASTIC  
FIGURE 7

MIL-C-4710D

6.5      Subject term (key word) listing  
Case Set  
Case Set, Transport and Storage  
Container, Case Set  
Container, Case Set, Transport and Storage  
Packaging  
Packaging, Case Set  
Packaging, Case Set, Transport and Storage

Custodian  
Air Force - 69  
Army - GL  
Navy - SA

Preparing Activity:  
Air Force - 69

Reviewing Activity:  
Air Force - 70, 71, 80, 84, 99  
Army - SM  
DSC - GS

User Activity:  
Army - ME, EL  
Navy - OS, MC  
Project No. 8115-0481

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER

MIL-C-4710D

2. DOCUMENT TITLE

Case Set, Transport and Storage

3. NAME OF SUBMITTING ORGANIZATION

4. TYPE OF ORGANIZATION (Mark one)

☐

VENDOR

☐

USER

☐

MANUFACTURER

☐

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

7. NAME OF SUBMITTER (Full Name - Optional)

8. WORK TELEPHONE NUMBER (Include Area Code - Optional)

9. MAILING ADDRESS (Street, R.F.D., or ZIP - mail - optional)

10. DATE OF SUBMISSION (Y/M/YY)