MIL-C-4710C 5 DECEMBER 1974 Superseding MIL-C-4710B 16 January 1969

## MILITARY SPECIFICATION

## CASE SET, TRANSPORT AND STORAGE

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

1. SCOPE

1.1 This specification covers type MFl case sets (consisting of two cases) for shipment and storage of miscellaneous small parts (see 6.1).

2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issue in effect on the date of invitation for bids or request for proposal, form a part of the specification to the extent specified herein:

#### SPECIFICATIONS

Federal

- L-P-391 Plastic Sheets, Rods and Tubing, Rigid, Multiapplication (Methacrylate, Cast)
- L-P-396 Plastic Molding Material and Plastic Extrusion Material, Polystyrene
- NN-P-530 Plywood, Flat Panel

QQ-S-698 Steel, Sheet and Strip, Low-Carbon

QQ-S-781 Strapping, Steel, Flat and Seals

- TT-C-490 Cleaning Methods and Pretreatment of Ferrous Surfaces 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)

FSC 8115

## Military

MIL-P-116 "Preservation-Packaging, Methods of

## STANDARDS

- Federal
- FED-STD-595 Colors

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-794 Parts and Equipment, Procedures for Packaging of
- MIL-STD-810 Environmental Test Methods

## DRAWINGS

## Air Force

44B9598 Handle Assembly - Shipping Case

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

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

UNIFORM 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, AGENT

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 <u>First article tests</u>. This specification makes provisions for first article tests.

3.2 <u>Selection of specifications and standards</u>. 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 <u>Standard parts</u>. 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 <u>Commercial parts</u>. Commercial utility 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 <u>Materials</u>. 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.

3.3.1 <u>Plywood</u>. 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-698.

3.3.3 <u>Plastic</u>. Plastic 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 A (Pentachlorophenol) of TT-W-572. The plywood shall be completely immersed in the preservation solution maintained at  $70^{\circ}$ F to  $90^{\circ}$ 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 <u>Gasket</u>. 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  $-20^{\circ}$ F and shall not disintegrate or separate from the case at  $-40^{\circ}$ 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 <u>Design</u>. The case set design, configuration, size, and dimensions shall conform to figures 1 through 7.

3.4.1 <u>Case set</u>. 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 <u>Case No. 1</u>. 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 <u>Case No. 2</u>. Case No. 2 shall consist of a left half and 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.)

3.4.2. <u>Handles</u>. The handles shall conform to U. S. Air Force Drawing 44B9598 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 <u>Hinges</u>. 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 <u>Interchangeability</u>. All parts having the same manufacturer's part number shall be functionally and dimensionally interchangeable.

3.5 <u>Construction</u>. The case set shall be so constructed that no component part will work loose in service, 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 <u>Sealing</u>. 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 chest and all internal corners of the chest must be sealed along with the inside of the male tongue assembly.

3.6 <u>Performance</u>. Each container of the case set shall be capable of withstanding the tests 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 <u>Temperature resistance</u>. 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 <u>Humidity resistance</u>. 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 <u>Corrosion resistance</u>. 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 <u>Durability</u>. The case sets shall show no signs of structural failure when subjected to the drop test specified in 4.5.2.

3.7 Finishes and protective coatings.

3.7.1 <u>Metal parts</u>. 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 of 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 <u>Identification</u>. 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 <u>Stenciling</u>. The case set shall be stenciled as shown in figures 1 and 2.



3.9 <u>Workmanship</u>. 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 <u>Dimensions</u>. 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 <u>Riveting</u>. 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.

3.9.3 <u>Welding</u>. Welds shall be free of crators 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 <u>Cleaning</u>. Each case set shall be thoroughly cleaned of all foreign matter after final assembly.

4. QUALITY ASSURANCE PROVISIONS

4.1 <u>Responsibility for inspection</u>. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the government. The government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 <u>Classification of inspection</u>. 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 <u>First article sample</u>. First article sample shall consist of one case set upon which approval is desired.

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 tests 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 <u>Quality conformance inspection</u>. Quality conformance inspection shall consist of all examinations specified herein and tests specified under 4.5.

4.4.1 <u>Sampling for quality conformance inspection</u>. 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 tests, a lot shall consist of all case sets submitted for delivery at one time.

4.4.1.1 Inspection levels and acceptable quality levels (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 <u>Process examination</u>. 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 <u>Examination of the end item</u>. 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.

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).

			CLASSIFICATION	
EXAMINE	DEFECT		Major	Minor
Finish	Not color specified Rust on metal surfaces Peeling or blistered Not smooth and uniform Touchup not neat Not completely dry (tacky)		X X X	x x x
	Dirt, grit, or foreign matter imbedded in the enamel			х



# MIL-C-4710C

	Color separation or discoloration	•	1
	affecting appearance		Х
			1
Construction	Construction details not per		)
	figures 1 thru 7	X	ļ
	Case set not consisting of		
Į	cases 1 and 2	x	1
	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	Χ.	
	Case 2 not containing 8 "A" size	<b>A</b> .	
	and 16 "C" size drawers	x ·	
	Any hole thru container	x X	
	Component damaged affecting		
	usability	X	
	Component damaged not affecting		
	usability		х
		X,	A
	No gasket	~	· X
	Gasket not cemented down entirely	X	~
	Gasket deformed or torn	^	
	Center partition missing from		· ·
	drawers	Х	
	Identification card guide		
	missing from drawers	X	$\chi = -2.00$
	Drawer not provided with	· ·	•
	leather tab	Х	
	Tab not securely riveted to		
	drawer front	Х	
,	Force fit of lid on body	Х	· -
	Lid loose on body with closure	Х	
	Panel warped more than 1/8 inch	1	
	in length or width		Х
[		1.1	
Workmanship	Drawers don't operate smoothly		•
· ·	and freely		. X
	More than one rivet, screw, or		
	bolt missing, or loose unpeened rivet		
· .	One rivet, screw, or bolt missing,		
	or loose unpeened rivet	1	Х
	Sharp burr or sliver that may		
	cause injury	Х	
	Cases not clean; presence of dirt,		•
	sawdust, metal chips, or other		
	foreign matter inside cases		Х
. f		1 I	

		MIL-C-4710C	:
Markings	Omitted, incomplete, incorrect, or illegible Not neatly applied	x	x
Dimensions	Not within tolerances specified on figures 1 thru 7	x	

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

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

## 4.5 Test methods.

4.5.1 Environmental test. A sample case set, tightly 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 <u>Low temperature</u>. 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 <u>High temperature</u>. 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 <u>Humidity</u>. 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 weighed 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 <u>Salt spray</u>. 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 <u>Drop test</u>. 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 then be inspected to determine compliance with 3.6.

4.5.3 <u>Handle test</u>. 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 3.4.2). The case shall then be inspected to determine compliance with 3.6.

5. PREPARATION FOR DELIVERY.

5.1 <u>Preservation and packaging</u>. (Reference MIL-STD-794 for definitions 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. 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 <u>Level C</u>. Case sets shall be cleaned, dried, and protected to afford adequate protection against deterioration, corrosion, and damage during shipment from the supply source to the first receiving activity.

5.2 <u>Packing</u>. (Reference MIL-STD-794 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 sides of the cap shall be 4 inches long. The cases 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 4 inches in from each end. When nonmetallic strapping is used, the seals must be of flat type.

5.2.2 Level C. Two cases (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 <u>Marking for shipment</u>. 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.

6. NOTES

6.1 <u>Intended use</u>. The case set, Type MF-1, 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 testing (see 4.3.1).

d. Level of preservation and packaging required (see 5.1).

e. Level of packing required (see 5.2).

6.3 <u>Minor corrosion</u>. 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.

Custodian:

Air Force - 69

Army - GL

Navy - SA

Reviewing Activity:

Air Force - 70, 71, 80, 84

Army - SM

DSA - GS

User Activity:

Army - ME, EL

Preparing Activity:

Air Force - 69

Navy - OS, MC

Project No. 8115-0324

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TYP. AT THIS LOCHTION. MIL-C-4710C CLOSE FIT BUTT JONNTS THICK STEEL, B REQ'D CORNER .059 70,067 .0598 THICK STEEL, 24 REQ'D MASHER OTHER STOR CASE インロレト CASE, RIGHT n k M DUARTER CIRCLE FILLER 600X SOLID RIVETS, -TUBUKAR OR 2021 10 STEEL 2 MAX. (215.2)-15 8004 HIS END UP RAGILE CASES FIGURE D. TULEPANCES: 800 V 32 DIA. BIFURCATED EMENTS NCKUDE UNKESS -17 MAX. (TYR) 98, 2 REQD. -(2/2) \$ 152.010 24 DIA. TUBULAR OC AROUND BODY DOOWLZ Ň RIVETS. SOLID RIVETS 202 222 ZMMX. (inh) -1& BANE BODY PANE DIMENSION DINENSION Ŋ SNDNG NOTES: OTHERW ģ JANDRE エリタし red. 12

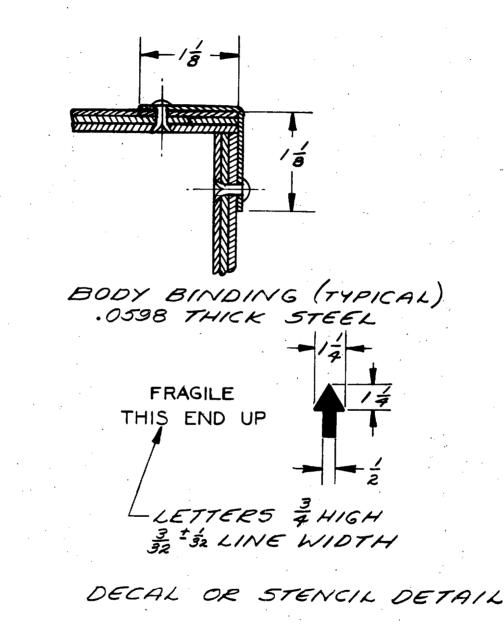
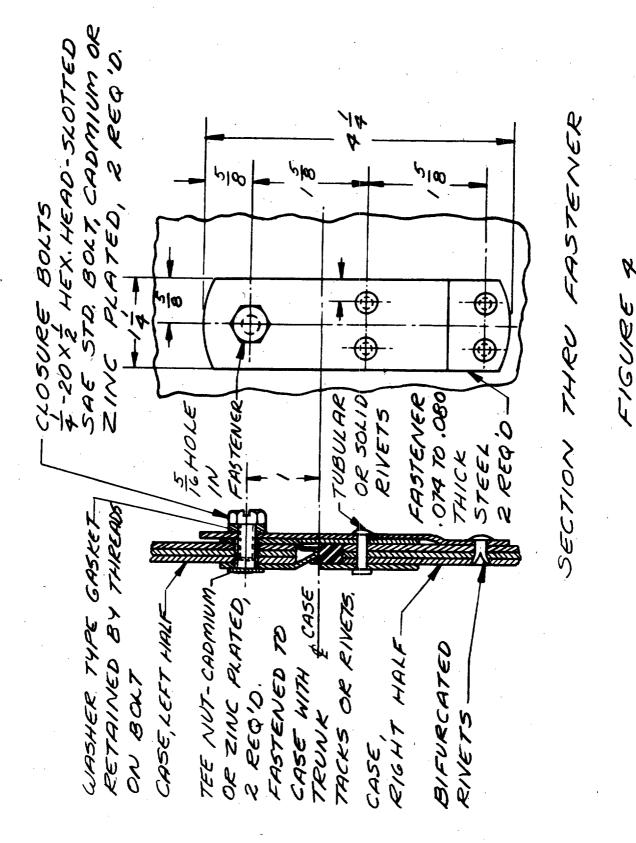
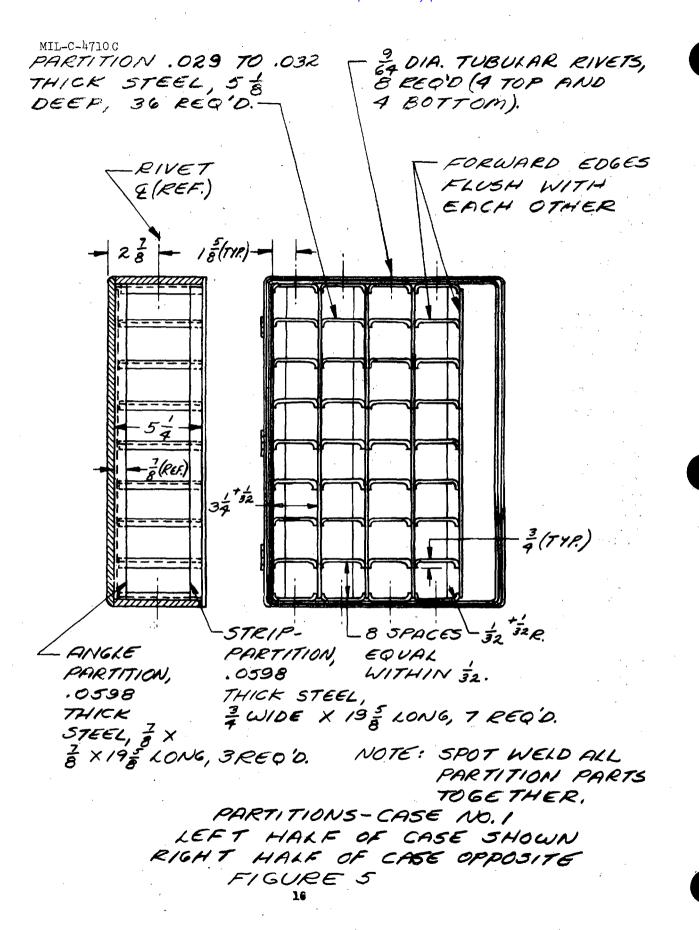


FIGURE 2

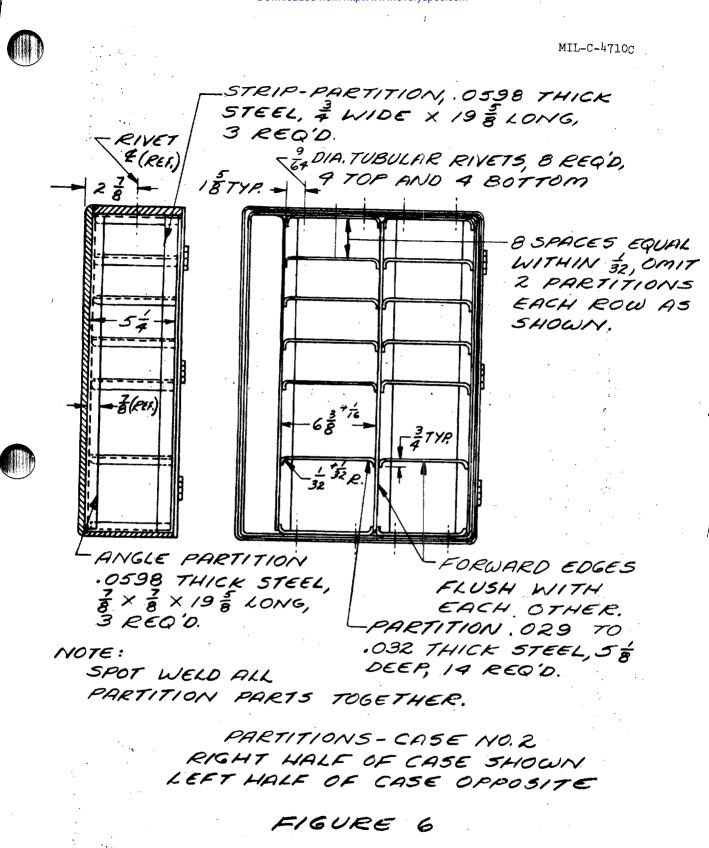
MIL-C-4710C OUTER GROOVE BINDING .0598 THICK STEEL 13 WIDE, ONE PIECE, HINGE .070 70 .080 THICK STEEL, B"IZ" LONG OPEN, 18 12 MAX. EL BIFURCATED RIVETS WITH IL EL BIFURCATED RIVETS WITH IL JOINT UNDER CENTER HINGE. 8 REQ'0 MIN. DIA. 4 MIN. PER HINGE. TUBULAR OR SOLID RIVET- 34 ZTYP. FOR HINGE THIS SIDE 5 TYP. FOR HINGE. WIDTH, 3 REQ D. THIS SIDE CASE, EIGHT HALF SECTION THRU HINGE FIGURE B 50 TO RIGHT HALF OF CASE **m |0**) LEFT HALF BUTT JOINT CEMENT UNDER CENTER JOINTS AT CORNERS. TONGUE BINDING.0398 BINDING .0598 THKK (KER) FITTING 25° ANGLE CLOSE 2 CONTINUOUS ALL FITTING MITERED CASE, STEEL, ONE PIECE. THICK STEEL ALL AROUND, CLOSE INNER GROOVE -Ś -3 R-64 0 0 GASKET & X 1- 8 + <u>1</u> AROUND HINGE. しつくとて 14

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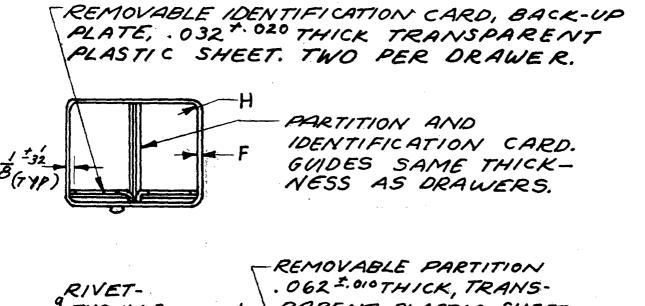


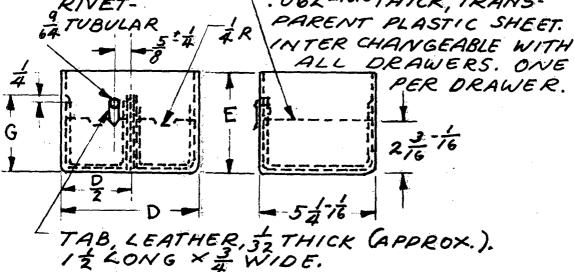






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DRAWER	AWER DIMENSIONS					QUANTITY	CASE
SIZE	D-to	E-te	F	G	H	_ <b>/</b>	NO.
A	64	47	.125 .025	3 1	I MAX.	8	2
B	34	23	.100010	17	S/8 MAX.	64	1
C	64	2률	.125 ±.010	17	3/4 MAX.		2

DRAWERS -TRANSPARENT PLASTIC

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SPECIFICATION ANALYSIS SHEET	Form Approved Budget Bureau No. 22-R255
INSTRUCTIONS: This sheet is to be filled out by personnel, either Governme use of the specification in procurement of products for ultimate use by the Dep is provided for obtaining information on the use of this specification which w can be procured with a minimum amount of delay and at the least cost. Comm will be appreciated. Fold on lines on reverse side, staple in corner, and send and suggestions submitted on this form do not constitute or imply authorizati referenced document(s) or serve to amend contractual requirements.	partment of Defense. This sheet ill insure that suitable products ents and the return of this form to preparing activity. Comments
SPECIFICATION	
MIL-C-4710C, Case Set, Transport and Storage (Proj.	8115-0324)
ORGANIZATION	
CITY AND STATE CONTRACT NUMBER	
MATERIAL PROCURED UNDER A	
1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED MENT USE?	INTERPRETATION IN PROCURE-
A. GIVE PARAGRAPH NUMBER AND WORDING.	
B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES	
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID	· · · · · · · · · · · · · · · · · · ·
	·
	· · ·
P	
3. IS THE SPECIFICATION RESTRICTIVE?	
YES INO (If "yes", in what way?)	
4. REMARKS (Attach any pertinent data which may be of use in improving this specifica	ation. If there are additional papers,
attach to form and place both in an envelope addressed to preparing activity)	
SUBMITTED BY (Printed or typed name and activity - Optional)	DATE
DD 1 JAN 66 1426 REPLACES EDITION OF 1 OCT 64 WHIC	H MAY BE USED.
	AFLC-WPAFB-OCT 67 2M