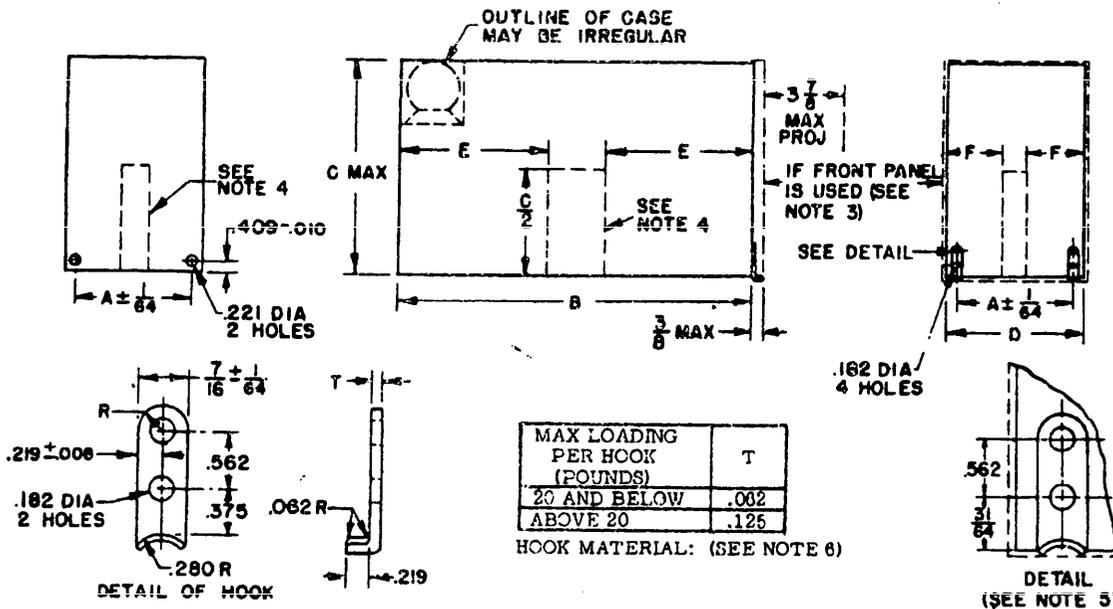


This document has been promulgated by the Department of Defense as the military standard to limit the selection of the item, product, or design covered herein in engineering, design, and procurement. This standard shall become effective not later than 90 days after the latest date of approval shown.

FED. SUP CLASS.  
5975



MS PART NUMBER <sup>1/</sup>	DIMENSIONS (INCHES)						WEIGHT RANGE, POUNDS (SEE NOTE 7)	FIN <sup>2/</sup>
	A	B	C	D	E	F		
MS91403-A1B	4-1/8	12-9/16	7-5/8	4-7/8	5-1/4	2	8 to 18	
MS91403-A1C	4-1/8	15-9/16	7-5/8	4-7/8	6-1/2	2	12 to 20	
MS91403-A1D	4-1/8	18-9/16	7-5/8	4-7/8	8-3/16	2	18 to 40	
MS91403-B1B	9-3/8	12-9/16	7-5/8	10-1/8	5-1/4	4-1/4	18 to 40	
MS91403-B1C	9-3/8	15-9/16	7-5/8	10-1/8	6-1/2	4-1/4	18 to 40	
MS91403-B1D1	9-3/8	18-9/16	7-5/8	10-1/8	8-3/16	4-1/4	25 to 50	
MS91403-B1D2	9-3/8	19-9/16	7-5/8	10-1/8	8-3/16	4-1/4	40 to 80	
MS91403-C1D	14-5/8	18-9/16	7-5/8	15-3/8	8-3/16	6-7/16	40 to 80	
MS91403-C2D	14-5/8	18-9/16	10-5/8	15-3/8	8-3/16	6-7/16	40 to 80	

<sup>1/</sup> The MS part number consists of the MS military-standard number followed by a dash number. The dash number indicates the following:

- First character - Width between centers of front-clamp assembly, where:  
A = 4-1/8, B = 9-3/8, and C = 14-5/8.
- Second character - Height of case, where: 1 = 7-5/8 and 2 = 10-5/8.
- Third character - Length of case, where: B = 12-9/16, C = 15-9/16, and D = 10-9/16.
- Fourth character - When applicable, assigned serially to distinguish between different weight ranges for cases of the same dimensions.

<sup>2/</sup> Federal Item Identification Number.

<sup>3/</sup> To be avoided unless height requirements absolutely dictate.

ENTIRE STANDARD REVISED

CUSTOMIANS: SigC Aer USAF	OTHER INT: -	<b>MILITARY STANDARD</b>		<b>MS91403</b>
		CASES, LARGE-SIZE (FOR USE WITH ELECTRONIC EQUIPMENT IN AIRCRAFT)		
PROCUREMENT SPECIFICATION MIL-C-172	SUPERSEDES:			SHEET 1 OF 2

APPROVED 15 Dec 1953 REVISED (A) 11 Oct 1955 (B) 8 Dec 1958

The United States Government hereby incurs no responsibility in any way supplied the said drawings, specifications or data is not to be regarded by implication or otherwise as in any way being a warranty, expressed or implied, of the United States Government or any agency thereof, or as representing the views or opinions of any agency thereof, or as representing the views or opinions of any agency thereof, or as representing the views or opinions of any agency thereof, or as representing the views or opinions of any agency thereof.

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1. All dimensions in inches.
2. Unless otherwise specified, tolerances are  $\pm 1/32$  on fractions and  $\pm .005$  on decimals.
3. If a front panel is used, it projects no more than  $1/16$  beyond the top and sides of the case and is considered part of the case.
4. Center of gravity for cases used with class A mounting bases does not fall outside limits shown by dotted lines. The weight of the connectors and 1 foot of the attached cabling is considered for establishing location of the center of gravity.
5. When .125 hook is used, the bottom of the hook is approximately flush with bottom of the panel, or  $1/8$  below the bottom of the case when panel is not used. When .062 hook is used, the bottom of the hook is approximately  $1/16$  above the bottom of the panel, or  $1/16$  below the bottom of the case when panel is not used. Additional hooks, when used, are located  $2-1/16$  on either side of case centerline. (See detail drawing.)
6. Hook material is type 410 corrosion-resistant steel, heat treated to 125,000 psi in accordance with table I of Specification MIL-H-6876(ASG).
7. Rear travel of unit when front panel is used is limited by contact of back face of front panel with front of mounting base.
8. For use on mounting bases when a specific load is isolated, the weight range is the specific load for which the base is designed  $\pm 15$  percent. (See MS91405.)
9. Case sizes B2-C, B2-D1, and B2-D2, included in previous issues of Specification MIL-C-172 are no longer included. For information purposes only, the dimensions of these cases are as follows:

FORMER MIL DESIGNATION	DIMENSIONS (INCHES)						WEIGHT RANGE (POUNDS)
	A	B	C Max	D	E	F	
B2-C	9-3/8	15-9/16	10-5/8	10-1/8	8-1/2	4-1/4	18 to 40
B2-D1	9-3/8	19-9/16	10-5/8	10-1/8	8-3/16	4-1/4	26 to 50
B2-D2	9-3/8	19-9/16	10-5/8	10-1/8	8-3/16	4-1/4	40 to 80

10. Qualification inspection not required.
11. Referenced documents shall be of the issue in effect on date of invitation for bids.
12. This standard takes precedence over documents referenced herein.

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

APPROVED 15 Dec 1953 REVISED A 11 Oct 1955 B 8 Dec 1958

CUSTODIANS SlgC Aer USAF	OTHER INT. A- N- AF-	<b>MILITARY STANDARD</b>		<b>MS91403</b>
		CASES, LARGE-SIZE (FOR USE WITH ELECTRONIC EQUIPMENT IN AIRCRAFT)		
PROCUREMENT SPECIFICATION MIL-C-172		SUPERSEDES:		SHEET 2 OF 2