

MILITARY
SPECIFICATION

MIL-M-12575A(SigC)
Amendment 2
12 October 1960

MOUNTINGS FOR STANDARDIZED SERIES EQUIPMENTS

1. Page 1, paragraph 2.1: Add specifications:

Under FEDERAL

"QQ-S-781	Strapping, flat; steel
UU-T-111	Tape; paper, gummed (sealing and securing)
PPP-B-601	Boxes, wood, cleated plywood
PPP-T-97	Tape; pressure-sensitive adhesive, filament reinforced."

Under MILITARY

"MIL-A-101	Adhesive, water-resistant, for sealing fiberboard boxes."
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2. Page 3, paragraph 3.1: Replace with:

"3.1 Construction.-- The mountings covered by this specification shall be constructed in accordance with the applicable drawings listed below:

SC-DL-40627	Mounting MT-673()/UR
SC-DL-40691	Mounting MT-297()/GR
SC-DL-40692	Mounting MT-298()/GR
SC-DL-40693	Mounting MT-299()/GR
SC-DL-40694	Mounting MT-300()/GR
SC-DL-68854	Mounting MT-327()/GR."

3. Page 6, paragraph 3.12: Replace with:

"3.12 Interchangeability.-- The contractor's procedures and methods--including engineering, production, and quality control--shall insure interchangeability of parts as specified below. However, when matched parts are permitted by the Government, they need be interchangeable only as a pair or set.

3.12.1 Corresponding parts.-- "Corresponding parts" as used herein, in connection with the interchangeability requirements, means all possible parts meeting a set of limiting values (dimensions, tolerances, ratings and limits). Such values shall be those specified in the applicable Government documents, supplemented as necessary with values established by the manufacturer of the part; however, if no Government document applies, the limiting values shall be those established by the manufacturer of the part.

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3. Page 6, paragraph 3.12: (Contd)

3.12.2 Interchangeability requirement.- Any part shall be replaceable with any corresponding part without degrading electrical, mechanical or physical characteristics and performance below specified values and without modification of the replacement part or of any other item with which the replacement part is used. It is permissible, however, to use normal adjustments in meeting this requirement. (The foregoing requirement necessarily precludes reliance on selective assembly to meet specified requirements, or reliance on any characteristics not included in the limiting values of the part)."

4. Page 7, paragraph 4.1 and subparagraphs: Replace with:

"4.1 Inspection; responsibility and classification of. -

4.1.1 Contractor's responsibility.- The supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may utilize his own or any other inspection facilities and services acceptable to the Government. Inspection records of the examination and tests shall be kept complete and available to the Government as specified in the contract. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

4.1.2 Classification of Inspection.- Inspection shall be classified as follows:

(a) Preproduction inspection (does not include preparation for delivery).
(See 4.2).

(b) Acceptance inspection.

(1) Acceptance inspection of equipment before preparation for delivery. (See 4.3).

(2) Acceptance inspection of preparation for delivery. (See 4.10 and section 5)."

5. Page 10, paragraph 4.3.3: Replace with:

"4.3.3 Group C Inspection.- This inspection shall be as listed in table V."

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6. Page 14, paragraph 4.10: Replace with:

"4.10 Acceptance inspection of preparation for delivery.- Preparation for delivery shall be inspected in accordance with specification MIL-P-116 to determine conformance to the requirements of section 5."

7. Page 14, paragraph 4.10.1: Delete

8. Page 15, paragraph 4.10.2: Delete

9. Page 16 and 17, section 5: Replace with:

"5. PREPARATION FOR DELIVERY

5.1 Preservation and Packaging

5.1.1 Level A.- Each Mounting MT-297()/GR; MT-298()/GR; MT-299()/GR; MT-300()/GR; MT-327()/GR and MT-673()/UR shall be packaged in accordance with:

5.1.1.1 Mounting MT-297()GR: Items 1 through 5 of Figure 1 and Table VI.

5.1.1.2 Mounting MT-298()/GR: Items 8 through 13 of Figure 1 and Table VII.

5.1.1.3 Mounting MT-299()/GR: Items 16 through 19 of Figure 1 and Table VIII.

5.1.1.4 Mounting MT-300()/GR: Items 23 through 27 of Figure 1 and Table IX.

5.1.1.5 Mounting MT-327()/GR: Items 3 through 33 of Figure 1 and Table X.

5.1.1.6 Mounting MT-673()/UR: Items 37 through 40 of Figure 1 and Table XI.

5.1.2 Level C.- Each Mounting MT-297()/GR; MT-298()/GR; MT-299()/GR; MT-300()/GR; MT-327()/GR and MT-673()/UR shall be packaged in accordance with:

5.1.2.1 Mounting MT-297()/GR: Items 1 through 5 of Figure 1 and Table VI. except Items 2, 3 and 5 shall be class 1, 200 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-III, class 2. The piece of tape for the body joint shall be omitted.

5.1.2.2 Mounting MT-298()/GR: Items 8 through 13 of Figure 1 and Table VII except Items 9, 10, 11 and 13 shall be class 1, 200 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-III, class 2. The piece of tape for the body joint shall be omitted.

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5.1.2.3 Mounting MT-299()/GR: Items 16 through 19 of Figure 1 and Table VIII except Items 17 and 19 shall be class 1, 200 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-111, class 2. The piece of tape for the body joint shall be omitted.

5.1.2.4 Mounting MT-300()/GR: Items 23 through 27 of Figure 1 and Table IX except Items 24, 25, and 27 shall be class 1, 125 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-111, class 2. The piece of tape for the body joint shall be omitted.

5.1.2.5 Mounting MT-327()/GR: Items 30 through 33 of Figure 1 and Table X except Items 31 and 33 shall be class 1, 200 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-111, class 2. The piece of tape for the body joint shall be omitted.

5.1.2.6 Mounting MT-673()/GR: Items 37 through 40 of Figure 1 and Table XI except Item 40 shall be class 1, 125 PSI. The box closure shall be as specified except the tape shall conform to Specification UU-T-111, class 2. The piece of tape for the body joint shall be omitted.

5.1.3 Package Performance.— Package Testing shall be performed in accordance with the requirements of Specification MIL-P-116. The rough handling test and the cyclic exposure test will be required only when invoked in the bid request or contract (see 6.2).

5.2 Packing

5.2.1 Level A.— Each Mounting MT-297()/GR; MT-298()/GR; MT-299()/GR; MT-300()/GR; MT-327()/GR and MT-673()/UR shall be packed in accordance with:

5.2.1.1 Mounting MT-297()/GR: Items 6 and 7 of Figure 1 and Table VI.

5.2.1.2 Mounting MT-298()/GR: Items 14 and 15 of Figure 1 and Table VII.

5.2.1.3 Mounting MT-299()/GR: Items 20, 21 and 22 of Figure 1 and Table VIII.

5.2.1.4 Mounting MT-300()/GR: Items 28, 29 and 30 of Figure 1 and Table IX.

5.2.1.5 Mounting MT-327()/GR: Items 35, 36 and 37 of Figure 1 and Table X.

5.2.1.6 Mounting MT-673()/UR: Items 42, 43 and 44 of Figure 1 and Table XI.

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5.2.2 Level B.- Each Mounting MT-297()/GR; MT-298()/GR; MT-299()/GR; MT-300()/GR; MT-327()/GR and MT-673()/UR shall be packed in accordance with:

5.2.2.1 Mounting MT-297()/GR: No additional packing to that specified in 5.2.1.1.

5.2.2.2 Mounting MT-298()/GR: No additional packing to that specified in 5.2.1.2.

5.2.2.3 Mounting MT-299()/GR: Items 20 and 21 of Figure 1 and Table VIII except the nailed wood box shall be class 1 or the cleated plywood box shall be type IV, class 1. Box closure shall be as specified in the Appendix of the applicable box specification.

5.2.2.4 Mounting MT-300()/GR: Items 28 and 29 of Figure 1 and Table IX except the box shall be class 1, 275 PSI. Box closure shall be as specified in the Appendix of the applicable box specification.

5.2.2.5 Mounting MT-327()/GR: Items 35 and 36 of Figure 1 and Table X except the nailed wood box shall be class 1 or the cleated plywood box shall be type IV, class 1. Box closure shall be as specified in the Appendix of the applicable box specification.

5.2.2.6 Mounting MT-673()/UR: Items 42 and 43 of Figure 1 and Table XI except the nailed wood box shall be class 1 or the cleated plywood box shall be type IV, class 1. Box closure shall be as specified in the Appendix of the applicable box specification.

5.2.3 Level C.- Each Mounting MT-297()/GR; MT-298()/GR; MT-299()/GR; MT-300()/GR; MT-327()/GR and MT-673()/UR shall be packed in accordance with:

5.2.3.1 Mounting MT-297()/GR: The pack shall be as specified in 5.2.2.

5.2.3.2 Mounting MT-298()/GR: The pack shall be as specified in 5.2.2.

5.2.3.3 Mounting MT-299()/GR: The pack shall be as specified in 5.2.2.

5.2.3.4 Mounting MT-300()/GR: The pack shall be as specified in 5.2.2.

5.2.3.5 Mounting MT-327()/GR: The pack shall be as specified in 5.2.2.

5.2.3.6 Mounting MT-673()/UR: The pack shall be as specified in 5.2.2.

5.3 Marking.- Interior packages and exterior shipping containers shall be marked in accordance with Military Standard MIL-STD-129."

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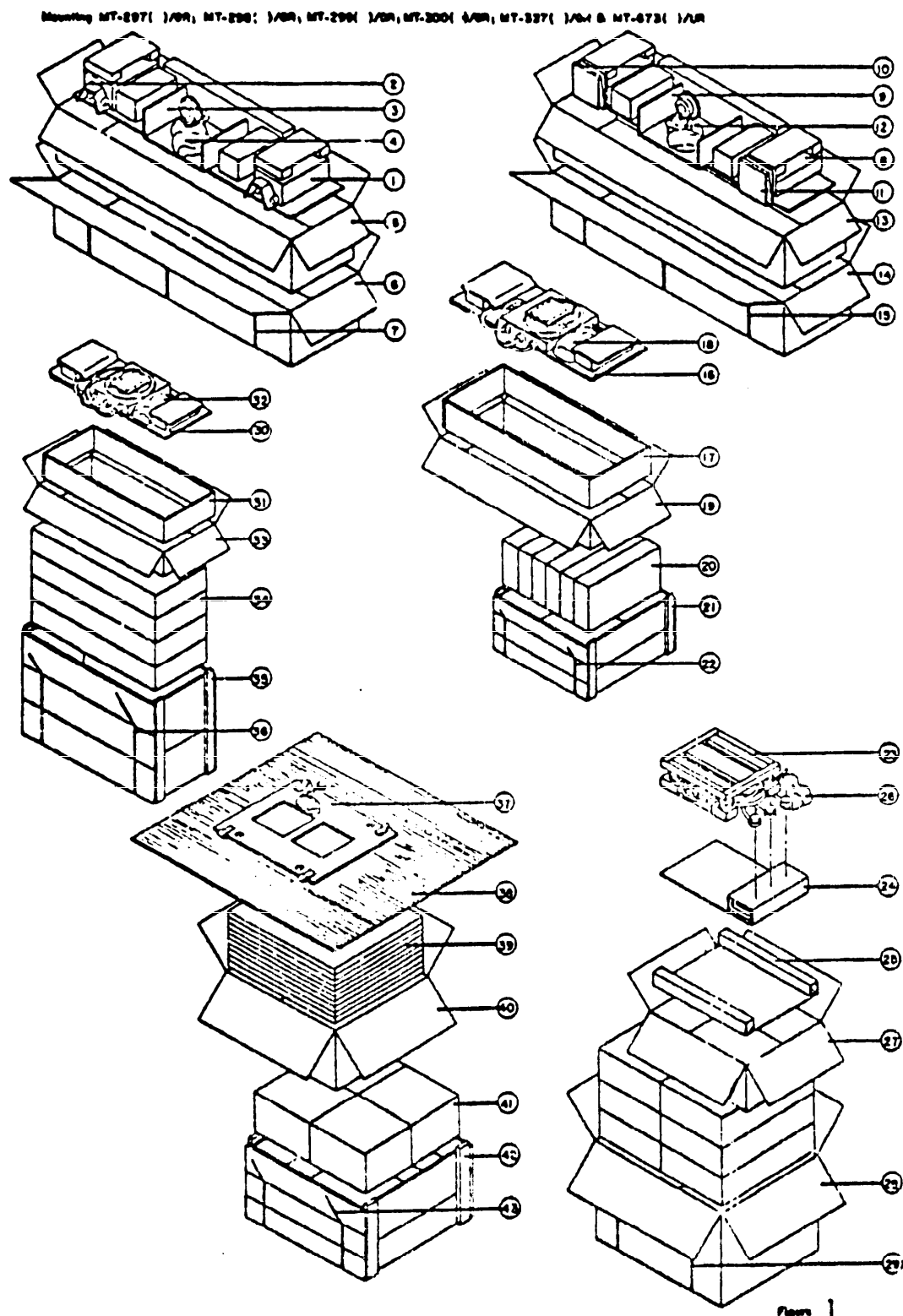


Figure 1

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BILL OF MATERIAL
TABLE VI
Box of

REF No.	ITEM Nomenclature	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PC
1	Mounting MT-277()/CR	1	IC-5	33-3/4	13-1/2	5							
2	Filler (3 sides)	2		2-1/2	4	3-7/8	PPP-B-636	I	3	2		C	
3	Filler (3 sides)	1		10-3/4	8	4-1/4	PPP-B-636	I	3	2		C	
4	Bag, Cotton Containing Mounting Hardware	1	Tie to	Mounting			DDD-B-20						
5	Box, Fiber Tape, Pressure- Sensitive	1		33-7/8	14-1/4	5-1/8	PPP-B-636	I	5	2	RSC	C	
		2		40-1/2	3		PPP-T-76						
		4		21	3								
		1		5	3								
6	Box, Fiber Adhesive	1		34-3/8	14-3/4	5-3/4	PPP-B-636 MIL-A-101	I	3	2	RSC	C	
7	Tape, Reinforced	3		50-1/2	1/2		PPP-T-97	III					

LEGEND

Packed Weight - 63 lbs
Packed Volume - 1.89 Cu.ft.T - Type S - Style
G - Grade C - Class

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 BILL OF MATERIAL
 TABLE VII
 Box of

REF No.	ITEM Nomenclature	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PSI
8	Mounting MT-298()/GR	1	IC-5	37-1/2	13-1/2	5							
9	Filler (3 sides)	1		10-3/4	8	4	PPP-B-636	I	3	2		C	
10	Pad, Side	1		9-1/2	4-7/8	2	PPP-B-636	I	3	2		C	
11	Pad, Side	1		12-5/8	4-7/8	2	PPP-B-636	I	3	2		C	
12	Bag, Cotton Containing Mounting Hardware	1	Tie to	Mounting			DDJ-B-20						
13	Box, Fiber Tape, Pressure- Sensitive	1		37-5/8	14-1/8	5-1/8	PPP-B-636	I	5	2	RSC	C	
		2		4	3		PPP-T-76						
		4		20-1/2	3								
		1		5	3								
14	Box, Fiber Adhesive	1		38-1/8	14-5/8	5-5/8	PPP-B-636 MIL-A-101	I	3	2	RSC	C	
15	Tape, Reinforced	3		51	1/2		PPP-T-97	III					

 Packed Weight - 63 lbs
 Packed Volume - 2.00 Cu.ft.

 LEGEND
 T - Type S - Style
 G - Grade C - Class

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 BILL OF MATERIAL
 TABLE VIII
 Box of

REF No.	ITEM Name and Description	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PS
16	Mounting MT-299()/GR	1	IC-5	19-5/8	12-3/4	3-3/4	PPP-B-636	I	5	2		C	
17	Sleeve (buted)	1		65-1/4	3-3/4	1/8							
18	Bag, Cotton Containing Mounting Hardware	1	Tie to Mounting 20				DDD-B-20	I	5	2	RSC	C	
19	Box, Fiber Tape, Pressure- Sensitive	1			15-3/8	3-7/8	PPP-B-636						
		2		26-1/2	3		PPP-T-76						
		4		19-1/2	3								
		1		4	3								
20	Mounting MT-299()/GR Pkg. Item 19	6		6 L	1 W	1 D	PPP-B-621			2	4		
21	Box, Wood or Box, Cleated- Plywood	1		26-1/2	20-3/8	13-1/2	PPP-B-601	III		2	A		
22	Strapping, Metal	2		80	1/2	.020	QQ-S-781	I	2	B			

LEGEND

 Packed Weight - (6 Units) - 195 lbs
 Packed Volume - (6 Units) - 6.5 Cu.ft.

 T - Type S - Style
 G - Grade C - Class

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BILL OF MATERIAL
TABLE IX
Box of

REF No.	ITEM Nomenclature	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PSI
23	Mounting MT-300()/GR	1	IC-5	16-3/4	8-3/8	3-7/8							
24	Cell, Bottom	1		16-7/8	8-5/8	1-3/8	PPP-B-636	I	6	2		C	
25	Cell, Bottom	1		16-7/8	11-3/4	1-5/8	PPP-B-636	I	6	2		C	
26	Bag, Cotton Containing Mounting Hardware	1	Tie to	Mounting									
27	Box, Fiber Tape, Pressure- Sensitive	1		17	11-3/4	4-1/4	PPP-B-636 PPP-T-76	I	6	2	RSC	C	
		2		24	2								
		4		18	2								
		1		4	2								
28	Mounting MT-300()/GR Pkg. Item 27	6		2 L	1 W	3 D							
29	Box, Fiber Adhesive	1		24-1/4	17-3/8	14-1/2	PPP-B-636 MIL-A-101	I	3	2	RSC	C	
30	Tape, Reinforced	2		73-1/2	1/2		PPP-T-97						

Packed Weight - 70 lbs
Packed Volume - 3.53 Cu.ft.

LEGEND
T - Type S - Style
G - Grade C - Class

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BILL OF MATERIAL
TABLE X
Box

REF No.	ITEM Description	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PC
31	Mounting MT-327()/GR	1	IC-5	26	12-1/4	3-7/8	PPP-B-636	I	5	2		C	
32	Sleeve (butted)	1		77	3-3/4								
33	Bag, Cotton Containing Mounting Hardware	1		Tie to Mounting 26-1/2	12-1/2	4	DDD-B-20	I	5	2	RSC	C	
34	Box, Fiber Tape, Pressure- Sensitive	1					PPP-B-636						
		2					PPP-T-76						
		4											
		1											
35	Mounting MT-327()/GR Pkg. Item 34	4		1 L	1 W	4 D	PPP-B-621			2	4		
36	Box, Wood or Box, Cleated- Plywood	1		27	13	18-1/2	PPP-B-601	III		2	A		
37	Strapping, Metal	2		46	1/2		QQ-S-781	I	2	B			

Packed Weight - 195 lbs
Packed Volume - 4.82 Cu.ft.

LEGEND
T - Type S - Style
G - Grade C - Class

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BILL OF MATERIAL
TABLE XI
Box of

REF No.	ITEM Description	No. Reqd	Method MIL- P-116	SIZE - INCHES			REQUIREMENTS						
				L	W	D	Spec No.	T	G	C	S	Flute	PSI
38	Mounting MT-673()/UR Bag containing Mounting Hardware	1	III	8-7/16	7-15/16	7/16							
		1		4	3		DDD-B-20	Tie	to	Mounting			
39	Cushion, Paperboard Tape, Paper, Gummed	1		19	12		PPP-P-291	II		2			
		2		8	3		UU-T-111			2			
40	Mounting MT-673()/UR Pkg. Item 39	10											
41	Box, Fiberboard Tape, Pressure- Sensitive	1		9-1/4	8-1/2	10	PPP-B-636	I	6	2	RSC	C	
		2		40-1/2	3		PPP-T-76						
		4		21	3								
		1		5	3								
42	Mounting MT-673()/UR Pkg. Item 41	4		2 L	2 W	1 D	PPP-B-621			2	4		
43	Box, Wood or Box, Cleated- Flywood	1		19-1/4	17-3/4	10-5/8	PPP-B-601	III					
44	Strapping, Metal	2		67	3/8	.020	QQ-S-781						

Packed Weight - (40 Units) - 144 lbs
Packed Volume - (40 Units) - 2.84 Cu.ft.

Legend
T - Type S - Style
G - Grade C - Class

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10. Page 17, paragraph 6.2(e) (2)d and e: Delete

11. Page 17, paragraph 6.2: Add:

"(k) Levels of preservation, packaging and packing required.

(l) If rough handling test or cyclic exposure test is required."

12. Page 19, add paragraph:

"6.10 Dimensional data.— Sizes of packaging materials prescribed in Section 5 are based on the dimensions of the equipment cited on the applicable Bill of Material. When the dimensions of the equipment vary from those cited, the sizes of the packaging materials shall be adjusted accordingly. When shown in the Bill of Materials (see Section 5), corrugated fiberboard manufactured with A, B or C fluting may be used at the option of the contractor. When the fluting used is not the same as that cited in the Bill of Material, the dimensions of the affected packaging and packing materials will be adjusted accordingly."

13. Pages 20, 21 and 22, Figures 1, 2, 3: Delete.

