APPENDIX 21

UNITIZATION PROCEDURES FOR AMMUNITION AND COMPONENTS PACKED IN METAL OR PLASTIC BOXES ON 4-WAY ENTRY PALLETS

CARTRIDGE, 40MM, PACKED 32 PER PA120 METAL BOX, UNITIZED 42 BOXES PER 45-1/2" X 35" PALLET; APPROX BOX SIZE 18-3/4" L X 6-3/8" W X 10-3/8" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4232-20PM1007.

DISTRIBUTION STATEMENT A:

APPROVED FOR PUBLIC RELEASE DISTRIBUTION IS UNLIMITED.

U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER HANSSEN.JO Digitaly signed by HANSSEN.JOSEPH.W.1 SEPH.W.1376 376495538	<u>CAUTION</u> : VERIFY PRIOR TO USE AT https://www.dau.edu/cop/ammo/Pages/Default.aspx THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.								
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PALLET UNIT DATA							
ITEMS INCLUDED		*HAZARI	CLASS				
		AND DI	VISION	APPROX WEIGHT			
NSN DODIC	QD CLASS	COMP GROUP	(LBS)				
$\begin{array}{c} 1310-\\ 01-315-1636\\ 01-369-1902\\ 01-319-1541\\ 01-354-8745\\ 01-419-8203\\ 01-554-2160\\ 01-316-9973\\ 01-572-0689\\ 01-317-5948\\ 01-572-0693\\ 01-464-4117\\ 01-472-9916\\ 01-541-8181\\ 01-670-9894 \end{array}$	B472 B542 B542 B542 B542 B542 B576 B584 B584 B584 BA11 BA12 BA30 BA55	I NE I NE 1. 1 1. 1 1. 1 1. 1 1. 4 1. 4 1. 4 1. 4		1, 975 1, 975			

*HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISIONS

REVISION NO. 1, DATED MARCH 1996, CONSISTS OF:

- 1. ADDING ITEM TO PALLET UNIT DATA CHART.
- 2. DELETING GENERAL NOTE RELATING TO STRAP CUTTER AND RE-LETTERING OTHER GENERAL NOTES.
- 3. CHANGING WEIGHT OF ITEM.

4. CHANGES PER ECP M6S3042.

REVISION NO. 2, DATED DECEMBER 1999, CONSISTS OF:

- 1. ADDING ITEM TO PALLET UNIT DATA CHART.
- 2. CHANGE TO NEW DRAWING FORMAT.
- 3. ADDING GENERAL NOTE "H" RELATING TO PA120 CONTAINER.

REVISION NO. 3, DATED DECEMBER 2004, CONSISTS OF:

ADDING A NATIONAL STOCK NUMBER AND ASSOCIATED DATA TO PALLET UNIT DATA BLOCK ON PAGE 2.

REVISION NO. 4, DATED SEPTEMBER 2008, CONSISTS OF CHANGES PER ECP R08K2006 - NOR 004 INCLUDING:

UPDATING SPECIFICATION FOR PALLET.

REVISION NO. 5, DATED MAY 2012, CONSISTS OF CHANGES PER ECP R11K2054 - NOR 001 INCLUDING:

1. ADDING ITEMS TO PALLET UNIT DATA CHART.

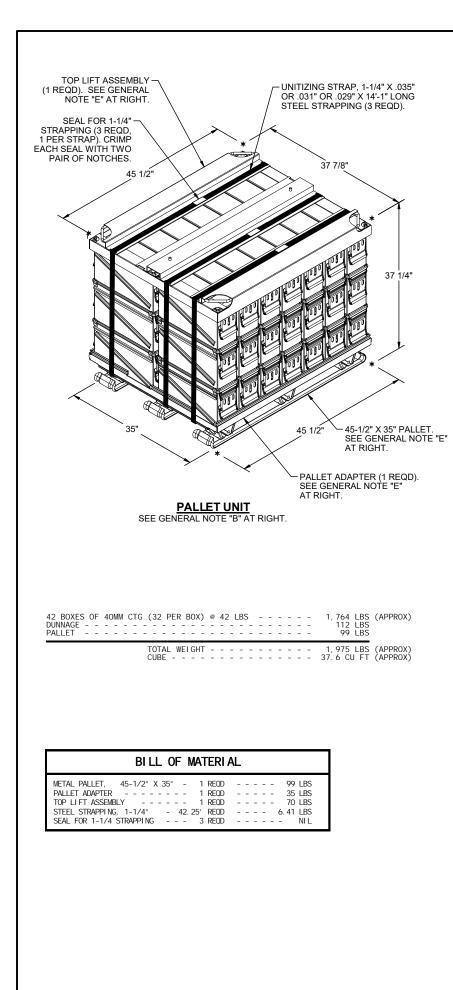
2. CHANGING DRAWING NUMBER IN GENERAL NOTE "H".

REVISION NO. 6, DATED JANUARY 2021, CONSISTS OF CHANGES PER ECP R19S2213 - NOR 018 INCLUDING:

1. ADDING ITEM TO PALLET UNIT DATA CHART.

- 2. UPDATING THE SIGNATURE BLOCKS ON COVER PAGE.
- ADDING ADDITIONAL DRAWING REFERENCE TO GENERAL NOTE "H".

PAGE 2



GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4232-20PM1007. TO PRO-DUCE AN APPROVED UNIT LOAD, ALL PERTINENT PRO-CEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PRO-CEDURES DELINEATED IN THIS APPENDIX. ANY EXCEP-TIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMEN-SIONS OF THE BOXES AND THE WEIGHT OF THE SPECIF-IC ITEM BEING UNITIZED.
- C. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

TRUCKLOADING	19-48-4246/21-5PM1005 19-48-4247/21-11PM1005 19-48-4251/21-1-2-3-4- 14-22PM1005
END OPENING I SO	
CONTAINER	19-48-4249/21-15PM1011
MILVAN	19-48-4248/21-15PM1010
SIDE OPENING ISO	
CONTAI NER	19-48-4271/21-15PM1015

- D. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.
- E. FOR DETAILS OF THE PALLET, PALLET ADAPTER AND TOP LIFT ASSEMBLY SEE MILITARY SPECIFICATIONS MIL-P-70786, MIL-A-70788 AND DAC DRAWING ACV00124.
- F. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING OTHER AMMUNITION ITEMS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE ITEM IS PACKED IN THE PA120 METAL BOX. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- G. EMPTY OR REJECT PA120 METAL BOXES WILL BE USED AS FILLER BOXES AS NECESSARY. IF 14 FULL BOXES ARE TO BE OMITTED, ONE FULL LAYER OF BOXES WILL BE OMITTED. WHEN (EMPTY) FILLER BOXES ARE USED IN PLACE OF OMITTED BOXES TO COMPLETELY FILL OUT A LAYER ON A PALLET, THEY WILL BE MARKED AS SPEC-IFIED IN ARDEC DRAWING 12982865.
- H. FOR DETAILS OF THE PA120 CONTAINER REFER TO ARDEC DRAWING NO. 12928042 OR 13071651.

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