APPENDIX 48A

UNITIZATION PROCEDURES FOR AMMUNITION AND COMPONENTS PACKED IN CYLINDRICAL METAL CONTAINERS ON 4-WAY ENTRY METAL OR RESIN-TREATED PALLETS

CARTRIDGE, 120MM, HEMP-T, M1147 PACKED 1 PER PA171 CYLINDRICAL METAL CONTAINER, UNITIZED 25 PER 44" X 40" PALLET; APPROX CONTAINER SIZE 44-1/2" L X 7-3/4" W X 7-3/4" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4231-20PM1006.

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 Digital 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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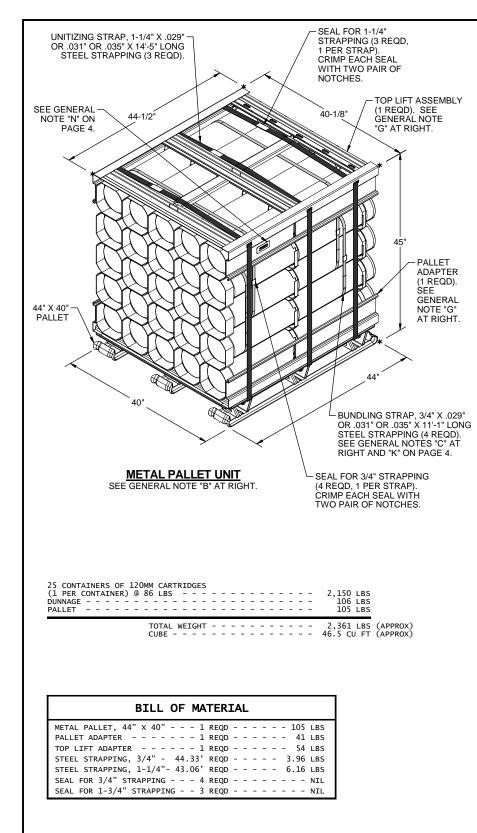
PALLET UNIT DATA								
ITEMS INCL	UDED	*HAZARD		APPROX	APPROX WEIGHT (LBS) (RESIN PALLET)			
NSN	DODIC	CLASS AND DIVISION	*COMPATI- BILITY GROUP	WEIGHT (LBS) (METAL PALLET)				
1315- 01-686-5398	CA71	1.1	F	2,361	2,338			

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

REVISION

REVISION NO. 1, DATED MARCH 2022, CONSISTS OF:

- 1. ADDING NSN 1315-01-686-5398 TO PALLET UNIT DATA.
- 2. ADDING MODEL AND NOMENCLATURE IN TITLE.
- 3. ADDING .029" STRAPPING TO THE UNIT LOAD ISOMETRIC.
- 4. UPDATING GENERAL NOTE "L" (PACKAGING DRAWING).
- 5. UPDATING DRAWING FORMAT.



GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4231-20PM1006. 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 SPE-CIFIC ITEM BEING UNITIZED.
- C. BUNDLING STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF THE UNITIZING STRAPS. INSTALL BUNDLING STRAPS AS CLOSE TO THE OUTER CONTAINER RINGS AS POSSIBLE, TO AVOID DAMAGING THE CONTAINERS. <u>CAUTION</u>: STRAPS MUST NOT BE AL-LOWED TO OVERLAP.
- D. ALTHOUGH THE CONTAINERS DEPICTED IN THE UNIT LOAD AT LEFT ARE CONSTRUCTED WITH INTERLOCKING DEVICES, THE INTERLOCKS WILL NOT FUNCTION PROPERLY UNLESS THE CONTAINERS ARE POSITIONED SO THAT THE "PINS" OF THE INTERLOCKS ARE FACING UPWARD. THIS ORIENTATION WILL AID IN THE PREVEN-TION OF CONTAINER MOVEMENT, BOTH LATERALLY AND LONGITUDINALLY, DURING THE SHIPMENT OF THE LOAD.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

TRUCKLOADING	19-48-4242/48A-5PM1004 19-48-4243/48A-11PM1004 19-48-4250/48A-1-2-3-4- 14-22PM1004
END OPENING ISO CONTAINER MILVAN SIDE OPENING ISO	19-48-4245/48A-15PM1009 19-48-4244/48A-15PM1008
CONTAINER	19-48-4272/48A-15PA1016

- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO IS-SUANCE OF THIS APPENDIX, THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS AP-PENDIX.
- G. FOR DETAILS OF PALLET AND PALLET ADAPTERS, SEE DAC DRAWING ACV000811, MIL-A-70788 AND MIL-P-70786. FOR AN ALTERNATIVE PALLET AND ADAPTER, SEE GEN-ERAL NOTE "N" ON PAGE 4. FOR PA171 CONTAINER, ONLY REVISION F OR LATER OF DRAWING AC200000470 SHALL BE USED.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 120MM CARTRIDGES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUM-BERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PRO-VIDED THE CONTAINER DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. EMPTY OR REJECTED PA171 CONTAINERS WILL BE USED AS FILLER CONTAINERS AS NECESSARY. FILLER CON-TAINERS MUST BE INSTALLED IN THE MIDDLE OF THE TOP LAYER(S) OF CONTAINERS. IF FIVE FULL CONTAIN-ERS ARE TO BE OMITTED, ONE FULL LAYER OF CONTAIN-ERS WILL BE OMITTED. WHEN (EMPTY) FILLER CONTAIN-ERS ARE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETELY FILL OUT A LAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED IN ARDEC DRAWING 12982865.

(CONTINUED ON PAGE 4)

