APPENDIX 8

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON 4-WAY ENTRY PALLETS

CARTRIDGE, CALIBER .30, PACKED VARIOUS OUANTITIES IN M19 SERIES METAL CONTAINERS, 4 PER WIREBOUND BOX, UNITIZED 40 BOXES PER 35" X 45-1/2" PALLET; APPROX BOX SIZE 17-1/2" L X 11-1/2" W X 8-1/8" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

DISTRIBUTION STATEMENT A.

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	REVISION NO. 2	AU	SUST 1994	19	48	4116/	20PA	
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DO NOT SCALE

PALLET UNIT DATA								
ITEMS INCL	.UDED	HAZARD AND DIV	ADDDOV					
NZN	DODIC	OD CLASS	COMP GROUP	APPROX WEIGHT LBS				
1305- 00-926-3933 00-126-3856 00-301-1664 00-028-6159 00-028-6516 00-028-6517 00-545-5611 00-028-6215 00-301-1665 00-555-6780 00-028-6542 00-935-9298 00-143-7151 00-028-6551 00-546-5830	A201 A205 A205 A207 A209 A209 A212 A216 A216 A216 A218 A230 A230 A231 A236	1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	ииииииииииииии	2,436 3,036 3,036 3,596 3,596 3,596 3,596 3,036 3,436 3,476 3,476				

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).

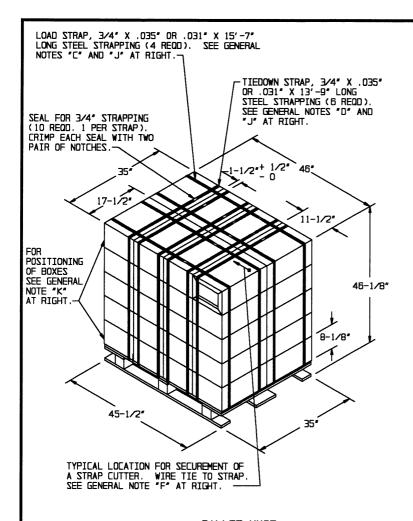
REVISIONS

REVISION NO. 1, DATED JANUARY 1991, CONSISTS OF:

- 1. ADDING GENERAL NOTES "J", "L" AND "M".
- DELETING ITEMS BY NATIONAL STOCK NUMBER FROM THE "PALLET UNIT DATA" CHART.
- ADDING ITEMS BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED AUGUST 1994, CONSISTS OF:

- 1. DELETING ITEM BY NATIONAL STOCK NUMBER FROM THE "PALLET UNIT DATA" CHART.
- 2. ADDING ITEMS BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA" CHART.
- CHANGING WEIGHT OF ITEMS BY NATIONAL STOCK NUMBER IN THE "PALLET UNIT DATA" CHART.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

TOTAL WEIGHT - - - - - - - - - - - 3,676 LBS (APPROX)

CUBE - - - - - - - - - - - 43.0 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 35" X 45-1/2" - - - - 1 REQD - - - 65 LBS STEEL STRAPPING, 3/4" - 144.83' REQD - - -10.35 LBS SEAL FOR 3/4" STRAPPING - - 10 REQD - - - NIL

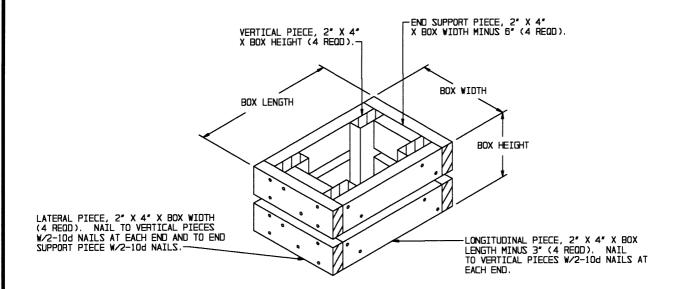
GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS 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 DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITITED.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING - - - 19-48-4115-5PA1002 TRUCKLOADING - - 19-48-4117-11PA1003 STORAGE - - - 19-48-4118-1-2-3-4-14-22PA1002 END OPENING ISO CONTAINER - - - 19-48-4153-15PA1002 MILVAN - - - - 19-48-4166-15PA1003 SIDE OPENING ISO CONTAINER - - - 19-48-4267-15PA1009

- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE AMC DRAWING 19-48-4127-20P1000.
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO
 BE USED FOR UNITIZING .30 CALIBER CARTRIDGES WHEN
 IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS
 (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE
 BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED
 HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER
 ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. 1-1/4" STRAP MAY BE SUBSTITUTED FOR THE 3/4" STRAP-PING SPECIFIED IN THE PALLET UNIT DETAIL AT LEFT. IF 1-1/4" STRAPPING IS USED, OMIT THE CENTER TWO TIEDOWN STRAPS, OMIT TWO LOAD STRAPS, AND POSI-TION THE LOAD STRAPS APPROXIMATELY 7" IN FROM THE OUTER EDGES OF THE PALLET UNIT.
- K. POSITION THE TWO OUTBOARD BOXES ON THE 35" SIDES OF THE BOTTOM LAYER OF THE UNIT WITH THE TOPS DOWNWARD, AND THE TWO OUTBOARD BOXES ON THE 35" SIDES OF THE TOP LAYER OF THE UNIT WITH THE TOPS UPWARD.
- L. THE STYLE 1A PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFICE WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- M. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, ONE LAYER OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 12'-4", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 14'-2". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 38", AND A GROSS UNIT WEIGHT OF 2,955 POUNDS, AND A UNIT CUBE OF 35.4 CUBIC FEET. ADDITIONALLY, THE UNIT MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER. THE DETERMINATION TO REDUCE THE LOAD BY A LAYER FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.

PAGE :



FILLER ASSEMBLY

(FOR MINUS ONE BOX)