APPENDIX 81

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

CANISTER, MINE, M87A1, CANISTER, MINE, M87, CANISTER, MINE, PRACTICE M88, AND CANISTER, MINE, TRAINING M89, PACKED 2 PER PA113 CYLINDRICAL METAL CONTAINER, UNITIZED 20 PER 56" X 28" PALLET; APPROX CONTAINER SIZE; 59" L X 6-7/8" W X 6-7/8" 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.

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	REVISION NO. 2	OCTOBER 1996	19	48	4231/	20PM			
	SEE THE REVISION LISTING ON PAGE 2		.5	٠,٠	81	1006			

DO NOT SCALE

	PALLET UNIT DATA					
ITEMS INCLUDED		HAZARD AND DIV	ARRENOV			
NZN	DODIC	OD CLASS	COMP GROUP	APPROX WEIGHT LBS		
1345- 01-233-2030 01-233-2029 01-384-3617		1.4 1.1 1.1		1,938 1,938 1,958		

 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).

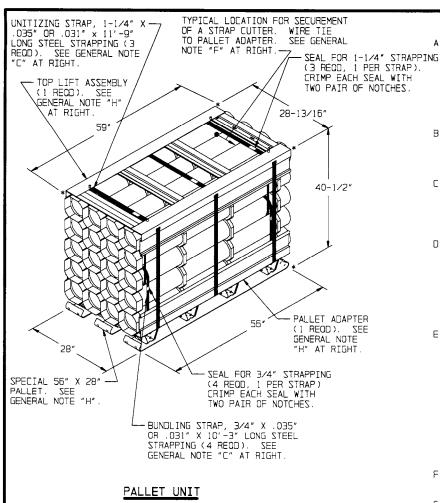
REVISION

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

- 1. CHANGE ITEM DESCRIPTION.
- 2. CHANGE FORMAT OF "PALLET UNIT DATA" CHART.
- 3. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
- 4. DELETE ITEM BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.
- 5. CHANGE GROSS WEIGHT FROM 85 LBS TO 88 LBS.
- 6. CHANGE GENERAL NOTE "K" ON PAGE 2.
- 7. REPLACE GENERAL NOTES "H" AND "L" ON PAGE 3.
- 8. CHANGES IN ACCORDANCE WITH ECP M1K3002 AND ECP M5T3003.

REVISION NO. 2, DATED OCTOBER 1996, CONSISTS OF:

1. CHANGES IN ACCORDANCE WITH ECP M6K3007.



SEE GENERAL NOTE "B" AT RIGHT.

20 CONTAINERS OF VOLCAND MINE CANISTER
(2 PER CONTAINER) AT 88 LBS - - - - - - 1,760 LBS
DUNNAGE - - - - - - 83 LBS
PALLET - - - - - 95 LBS

TOTAL WEIGHT - - - - - - - !,938 LBS (APPROX)

CUBE - - - - - - - - 39.8 CU FT (APPROX)

BILL OF MATERIAL								
SPECIAL METAL PALLET PALLET ADAPTER	, 56" - - -	X 28"	- 1 - 1	REOD REOD	-	- -	100	LB2
TOP LIFT ASSEMBLY - STEEL STRAPPING, 3/4 STEEL STRAPPING, 1-1	· " · /4" -	 - 35. - 35.	- 1 .33' .25'	REOD REOD REOD	- - -	- - -	36 2.52 5.04	LB2 LB2
SEAL FOR 1-1/4" STRAPP								

GENERAL NOTES

- THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4231-20PM1006. 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 CONTAINER AND THE WEIGHT OF THE SPECIFIC 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 DAMAGE TO THE CONTAINERS.
- 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 PREVENTION OF CONTAINER MOVEMENT, BOTH LATERALLY AND LONGITUDINALLY, DURING SHIPMENT OF THE UNIT LOAD.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING - - - 19-48-4242/81-5PM1004
TRUCKLOADING - - 19 48-4243/81-11PM1004
STORAGE - - - END OPENING ISO
CONTAINER - - - 19-48-4245/81-15PM1008
MILVAN - - - - 19-48-4244/81-15PM1008
SIDE OPENING ISO
CONTAINER - - 19-48-4272/81-15PM1008
CONTAINER - - 19-48-4272/81-15PM1008

- 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 CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. FOR DETAILS OF THE PALLET AND PALLET ADAPTERS, SEE AMCCOM DRAWING AC200000414, MIL-A-70788, AND MIL-P-70785.
- J. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO
 BE USED FOR UNITIZING VOLCANO MINE CANISTERS WHEN
 IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS
 (NSN) THAN THOSE SHOWN ON PAGE 2, PROVIDED THE ITEM
 IS PACKED IN THE SAME CONTAINER. THE EXPLOSIVE
 CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAT
 WHAT IS SHOWN.
- K. EMPTY OR REJECT PAILS CONTAINERS WILL BE USED AS FILLER CONTAINERS AS NECESSARY. FILLER CONTAINERS MUST BE INSTALLED IN THE MIDDLE OF THE TOP LAYER(S) OF CONTAINERS. IF FOUR FULL CONTAINERS ARE TO BE OMITTED, ONE FULL LAYER OF CONTAINERS ARE TO BE OMITTED. WHEN (REJECTED) FILLER CONTAINERS ARE USED IN PLACE OF OMITTED CONTAINERS WILL BE ALAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED IN MIL-STD-129-1, EXCEPT WHEN (EMPTY/REPAIRABLE) CONTAINERS ARE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETE A LAYER ON A PALLET; THE WORD "EMPTY" WILL BE STENCILED IN ORANGE ON THE EMPTY CONTAINER IN 1-INCH SIZE LETTERS. THE WORD "EMPTY" WILL BE STENCILED TWICE ON THE OPEN END PORTION OF THE CONTAINER WITH THE WORDS PAINTED ALONG THE CIRCUMFERENCE, 180 DEGREES APART, AND THREE TIMES ON THE BODY PORTION OF THE CONTAINER WITH THE WORDS PAINTED LENGTHWISE ON THE CONTAINER WITH THE WORDS PAINTED LENGTHWISE ON THE CONTAINER AND SPACED 120 DEGREES APART AS MEASURED AROUND THE CONTAINER CIRCUMFERENCE.
- L. FOR DETAILS OF THE PAILS CONTAINER SEE ARDEC DRAWING 9390404.

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