## APPENDIX 100

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

M93 WIDE AREA MUNITION (WAM), OR M98 WAM TRAINER, PACKED 1 PER PA160 CYLINDRICAL METAL CONTAINER, UNITIZED 30 PER 56-1/2" X 44" PALLET; APPROX CONTAINER SIZE 22" L X 11" W X 11" H

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

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COMMAND	ENGINEER		SANDRA M. SCHULTZ	
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SEE THE REVISION LISTING ON PAGE 2	] '	10	100	1006

DO NOT SCALE

PALLET UNIT DATA						
ITEMS INCL	.UDED	HAZARD CLASS AND DIVISION		4 DDD0.V		
NZN	DODIC	OD CLASS	COMP GROUP	APPROX WEIGHT LBS		
1377- 01-425-7579	SD20	1.1	D	2,078		
6920- 01-432-9357		– INERT –		2,078		

• HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES DNLY. 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 JUNE 1998, CONSISTS OF:

- 1. UPDATING "PALLET UNIT DATA" CHART.
- 2. UPDATING STANDARDS TO NEW REQUIREMENTS.
- 3. UPDATING DRAWING NUMBER IN THE GENERAL NOTES.
- 4. CLARIFYING BUNDLING STRAPS ON PAGE 3.

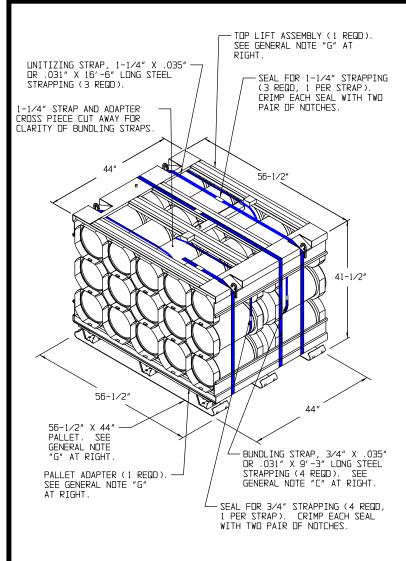
## GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4231-20PM1006. TO 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 CONTAINERS 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. STRAPS ENCIRCLE 6 CONTAINERS, 2 HIGH AND 3 WIDE AS SHOWN. CAUTION: STRAPS MUST NOT BE ALLOWED 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 PREVENTING OF CONTAINER MOVEMENT, BOTH LATERALLY AND LONGITUDINALLY, DURING SHIPMENT OF THE UNIT I DAD
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR DUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLDADING - - - 19-48-4242/100-5PM1004
TRUCKLDADING - - 19-48-4243/100-11PM1004
STORAGE - - - 19-48-4250/100-1-2-3-4-14-22PM1005
END DPENING ISD
CONTAINER - - - 19-48-4245/100-15PM1008
MILVAN - - - - 19-48-4244/100-15PM1008
SIDE DPENING ISD
CONTAINER - - - 19-48-4272/100-15PM1016

- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. FOR DETAILS OF PALLET AND PALLET ADAPTERS, SEE IOC DRAWING ACVOO283, MIL-A-70788 AND MIL-P-70786.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING MUNITIONS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED 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 REJECT PA160 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 TEN FULL CONTAINERS ARE TO BE OMITTED, ONE FULL LAYER OF CONTAINERS WILL BE OMITTED. WHEN (EMPTY) FILLER CONTAINERS ARE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETELY FILL OUT A LAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED IN ACVOOS61.
- K. WHEN DNE LAYER IS DMITTED, THE BUNDLING STRAP REQUIREMENT WILL NOT CHANGE. UNITIZING STRAPS WILL BE SHORTENED TO 14'-8".
- L. FOR DETAILS OF PA160 CONTAINER SEE CONTRACTOR DRAWING 12908176.



## PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

30 CONTAINERS OF WAM (1	PER CNTR) AT 57 LBS	1,710 LBS (APPROX)
DUNNAGE		241 LBS
PALLET		127 LBS

TOTAL WEIGHT - - - - - - - - - 2,078 LBS (APPROX) CUBE - - - - - - - - - - - 59.7 CU FT (APPROX)

	BILL OF MATERIAL
	METAL PALLET, 56-1/2" X 44" 1 REQD 127 LBS
	PALLET ADAPTER 1 REDD 110 LBS
	TOP LIFT ASSEMBLY 1 REQD 120 LBS
	STEEL STRAPPING, 3/4" 74.00' REQD - 6.61 LBS
ı	STEEL STRAPPING, 1-1/4" 24.75' REQD - 3.75 LBS
	SEAL FOR 3/4" STRAPPING 4 REQD NIL
ı	SEAL FOR 1-1/4" STRAPPING 3 REDO NIL

