

APPENDIX 118

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPO- NENTS ON SKIDDED BASES

**SCORPION XM500 MUNITION AND DISPENSING
MODULE, PACKED 1 PER ALUMINUM CONTAINER,
UNITIZED 6 CONTAINERS PER TYPE II SKID BASE;
APPROX CONTAINER SIZE 24" L X 24" W X 12-5/8" H**

**NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION
PROCEDURES DRAWING 19-48-4138-20PA1000.**

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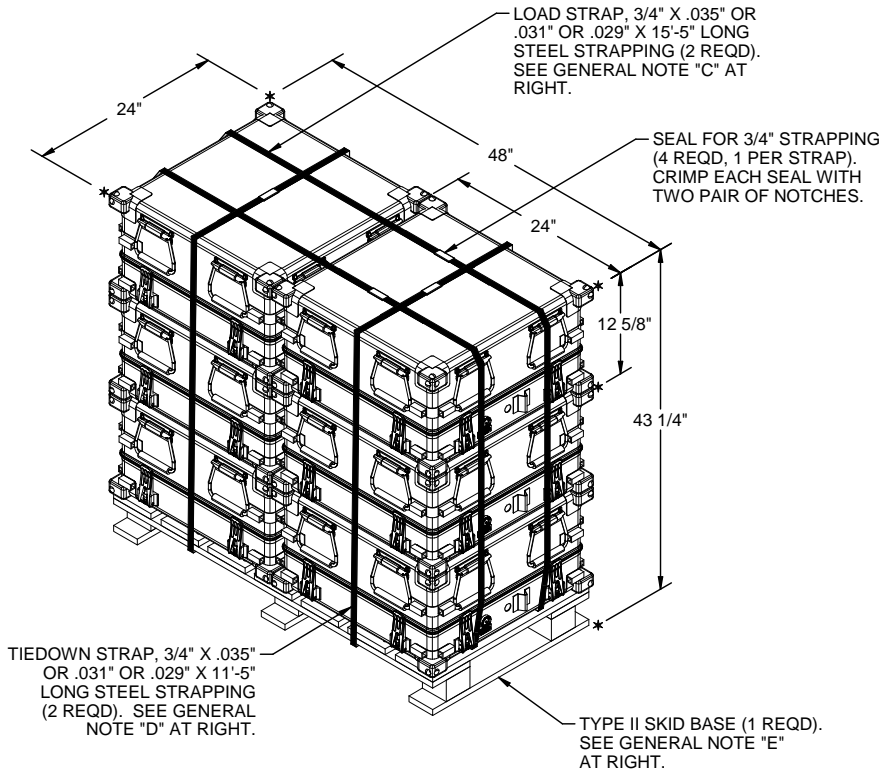
U.S. ARMY MATERIEL COMMAND DRAWING

<p>APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND</p> <p>REHMSTEDT.M ARK.J.12305484 00</p> <p style="font-size: small;">Digitally signed by REHMSTEDT.MARK.J.1230548400 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=REHMSTEDT.MARK.J.1230548400 Date: 2010.11.26 12:19:28 -08'00'</p> <p style="text-align: right;">RDAR-EIL-TP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>		<p>JUNE 2010</p>						
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>CASILLAS.GILBE RT.J.1230393644</p> <p style="font-size: small;">Digitally signed by CASILLAS.GILBERT.J.1230393644 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=CASILLAS.GILBERT.J.1230393644 Date: 2010.12.16 12:29:40 -08'00'</p> <p style="text-align: right;">AMSJM-LIT</p>	<p>DO NOT SCALE</p>	<p>ENGINEER OR TECHNICIAN</p>	<p>BASIC</p>	<p>REV.</p>	<p>QUYEN TRAN</p>				
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>CARNEY.GARY.BU RTON.1038708038</p> <p style="font-size: small;">Digitally signed by CARNEY.GARY.BURTON.1038708038 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=CARNEY.GARY.BURTON.1038708038 Date: 2010.12.17 08:09:46 -08'00'</p> <p style="text-align: center;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>TRANSPORTATION ENGINEERING DIVISION</p>	<p>FIEFFER.LAUR A.A.1230375727</p> <p style="font-size: small;">Digitally signed by FIEFFER.LAURA.A.1230375727 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=FIEFFER.LAURA.A.1230375727 Date: 2010.05.21 09:23:39 -08'00'</p>	<p>VALIDATION ENGINEERING DIVISION</p>	<p>BARICKMAN. PHILIP.W.123 0202202</p> <p style="font-size: small;">Digitally signed by BARICKMAN.PHILIP.W.1230202202 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=BARICKMAN.PHILIP.W.1230202202 Date: 2010.05.24 15:03:19 -08'00'</p>	<p>TESTED</p>	<p>CLASS</p>	<p>DIVISION</p>	<p>DRAWING</p>	<p>FILE</p>
	<p>19</p>	<p>48</p>	<p>4138/ 118</p>	<p>20PA1000</p>					

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1346-01-583-7504	TS05	1. 1	D	950

*HAZARD AND 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).

GENERAL NOTES



SKIDDED UNIT
SEE GENERAL NOTE "B" AT RIGHT.

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4138-20PA1000. TO PRODUCE AN APPROVED SKIDDED 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 SKIDDED UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE CONTAINERS AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE SKID BASE DECK PRIOR TO PLACING CONTAINERS ON THE SKID BASE. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE STRINGER BOARDS OF THE SKIDDED BASE AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. ONLY A TYPE II SKID BASE WILL BE USED TO ASSEMBLE THIS UNIT. THE "W" DIMENSION OF THE SKID BASE WILL BE 23" AND THE "L" DIMENSION OF THE SKID BASE WILL BE 47". **CAUTION:** A TYPE I SKID BASE WILL NOT BE USED.

F. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING	- - - -	19-48-4123-5PA1003
TRUCKLOADING	- - - -	19-48-4124-11PA1004
STORAGE	- - - -	19-48-4125-1-2-3-4-14-22PA1003
END OPENING ISO		
CONTAINER	- - - -	19-48-4153-15PA1002
MILVAN	- - - -	19-48-4166-15PA1003
SIDE OPENING ISO		
CONTAINER	- - - -	19-48-4267-15PA1009

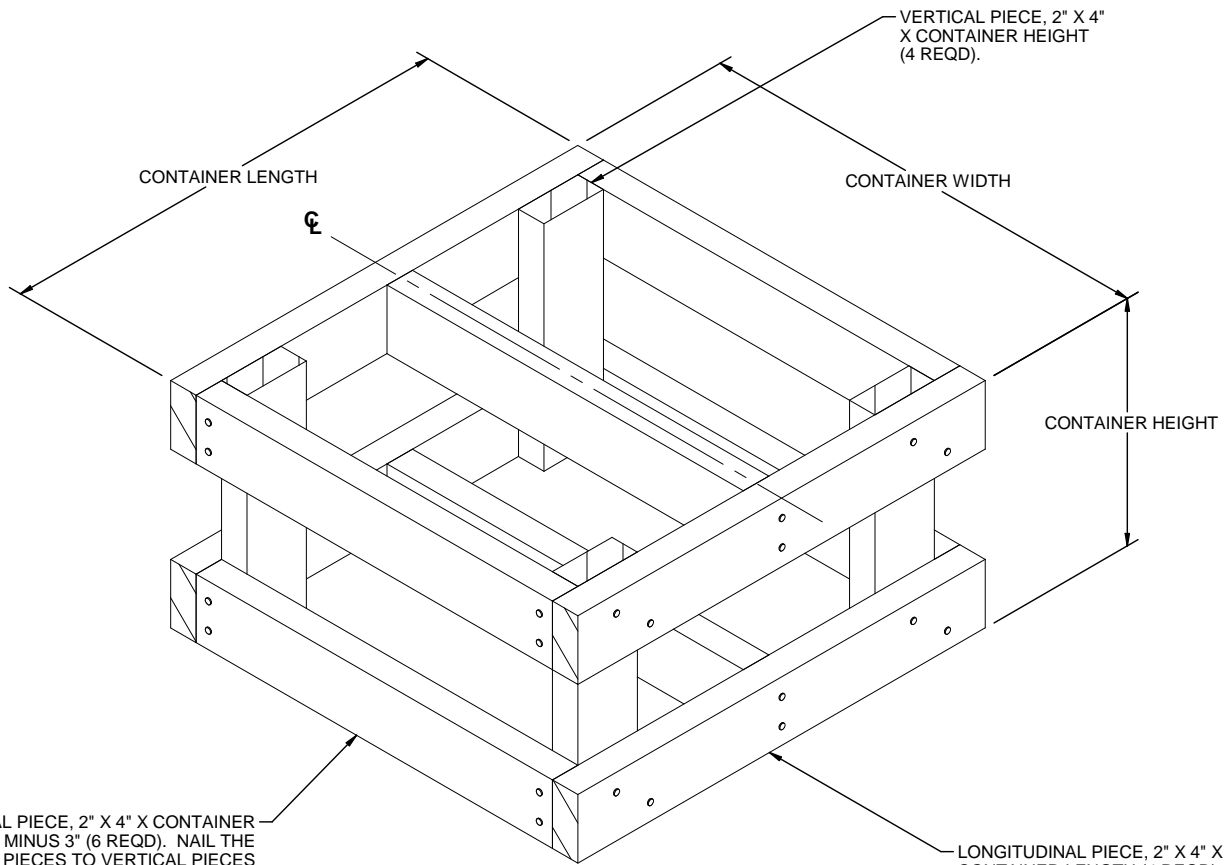
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING SCORPION XM500 MUNITION AND DISPENSING MODULE WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE CONTAINER PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. FOR DETAILS OF THE ALUMINUM CONTAINER SEE TEXTRON SYSTEMS CORPORATION DRAWING 312-103364.
- K. THE UNIT MAY BE REDUCED BY ONE CONTAINER BY USING A FILLER ASSEMBLY TO REPLACE IT. SEE THE DETAIL OF THE FILLER ASSEMBLY ON PAGE 4.

6 CONTAINERS OF XM500 SCORPION (1 PER CONTAINER) @ 150 LBS	- -	900 LBS
DUNNAGE	- - - -	5 LBS
SKID BASE	- - - -	45 LBS

TOTAL WEIGHT	- - - - -	950 LBS (APPROX)
CUBE	- - - - -	28.9 CU FT (APPROX)

BILL OF MATERIAL

TYPE II SKID BASE 47" L X 23" W	- - 1 REQD	- - 45 LBS
STEEL STRAPPING, 3/4"	- - - 53.67' REQD	- - 4.79 LBS
SEAL FOR 3/4" STRAPPING	- - - - 4 REQD	- - NIL



LATERAL PIECE, 2" X 4" X CONTAINER WIDTH MINUS 3" (6 REQD). NAIL THE OUTER PIECES TO VERTICAL PIECES W/2-10d NAILS AT EACH END.

LONGITUDINAL PIECE, 2" X 4" X CONTAINER LENGTH (4 REQD). NAIL TO VERTICAL PIECES AND INNER LATERAL PIECE W/2-10d NAILS AT EACH JOINT.

FILLER ASSEMBLY
(FOR MINUS ONE CONTAINER)