

APPENDIX 110M

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

FLARE, IR, AIRCRAFT, COUNTERMEASURE, XM216,
PACKED 120 PER WOODEN BOX, UNITIZED 18
BOXES PER 35" X 45-1/2" PALLET; APPROX BOX
SIZE 18" L X 15-5/16" W X 11-3/4" H

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

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U.S. ARMY MATERIEL COMMAND DRAWING

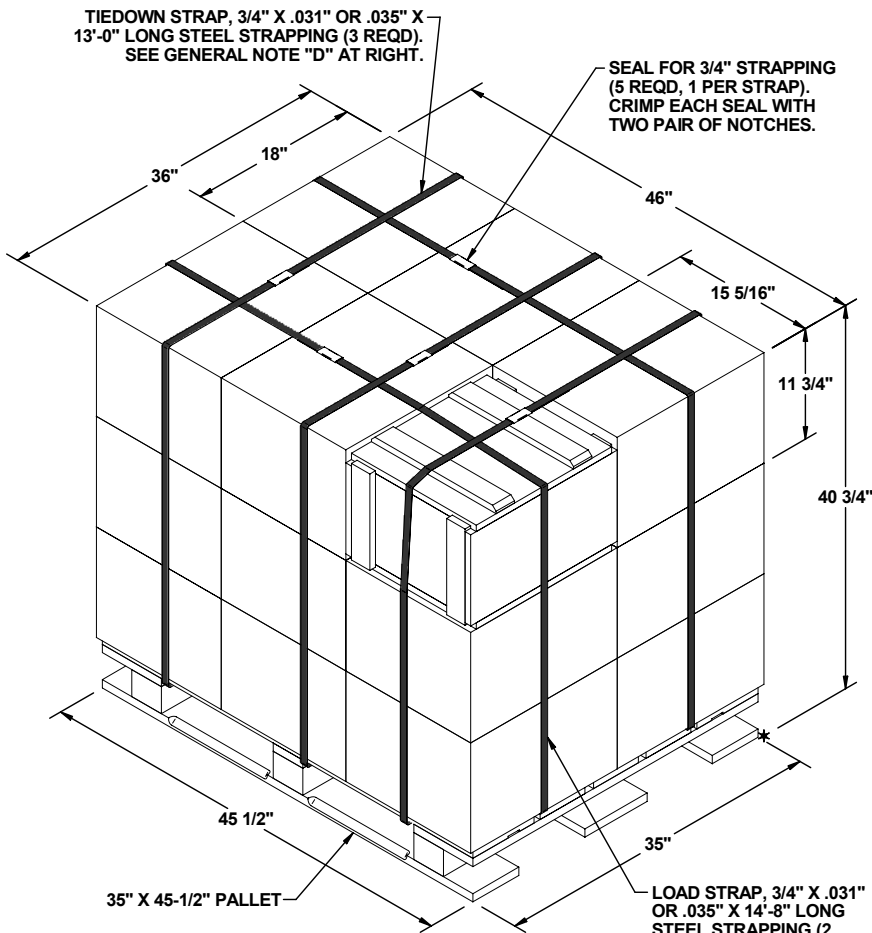
<p style="text-align: center; font-size: small;">APPROVED, U.S. ARMY FIELD SUPPORT COMMAND</p> <p style="text-align: center; font-size: x-large;"><i>David A. Piskovik</i></p> <p style="text-align: center; font-size: x-small;">AMSRD-AAR-AIL-TP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>																
<p style="text-align: center; font-size: x-large;"><i>Scott Miller</i></p> <p style="text-align: center; font-size: x-small;">AMSJM-LIT</p>	DO NOT SCALE	OCTOBER 2007															
<p style="text-align: center; font-size: small;">APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p style="text-align: center; font-size: x-large;"><i>Dary B Carney</i></p> <p style="text-align: center; font-size: x-small;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; font-size: x-small;">ENGINEER OR TECHNICIAN</td> <td style="width: 15%; font-size: x-small;">BASIC REV.</td> <td style="width: 70%; text-align: center; font-size: x-large;"><i>Laura A. Fieffer</i></td> </tr> <tr> <td style="font-size: x-small;">TRANSPORTATION ENGINEERING DIVISION</td> <td></td> <td style="text-align: center; font-size: x-large;"><i>Laura A. Fieffer</i></td> </tr> <tr> <td style="font-size: x-small;">VALIDATION ENGINEERING DIVISION</td> <td style="font-size: x-small;">TESTED</td> <td style="text-align: center; font-size: x-large;"><i>John W. [Signature]</i></td> </tr> <tr> <td style="font-size: x-small;">ENGINEERING DIRECTORATE</td> <td></td> <td style="text-align: center; font-size: x-large;"><i>Greg A. [Signature]</i></td> </tr> </table>	ENGINEER OR TECHNICIAN	BASIC REV.	<i>Laura A. Fieffer</i>	TRANSPORTATION ENGINEERING DIVISION		<i>Laura A. Fieffer</i>	VALIDATION ENGINEERING DIVISION	TESTED	<i>John W. [Signature]</i>	ENGINEERING DIRECTORATE		<i>Greg A. [Signature]</i>	CLASS	DIVISION	DRAWING	FILE
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	19	48	4116/ 110M	20PA1002													

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1370-01-545-5650	LA59	1.3	G	1,278

*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

- 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 UNITIZED.
- 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 AND TO BE LOCATED AS SHOWN. 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. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING COUNTERMEASURE FLARES 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.
- H. THE STYLE 1A PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- J. FOR DETAILS OF THE MIL-B-2427 WOODEN BOX SEE ARDEC DRAWING 13016100.

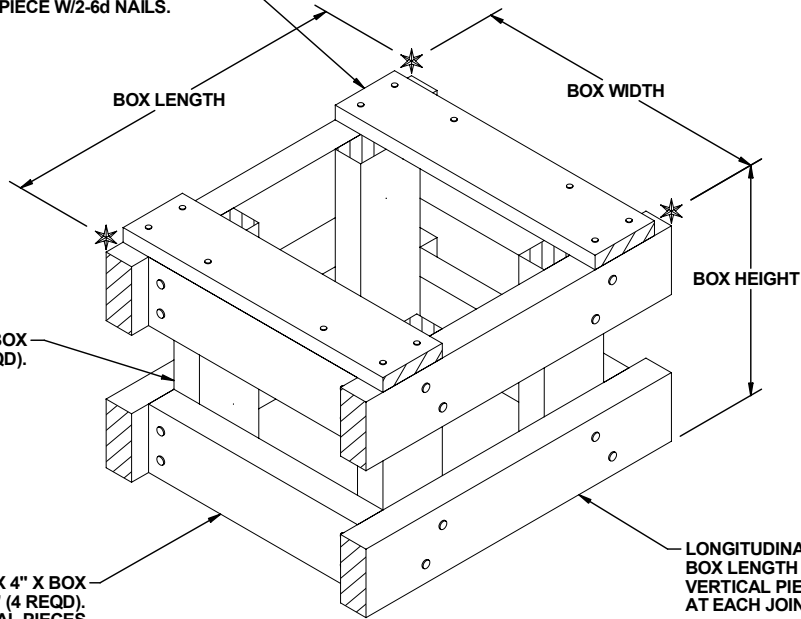


PALLET UNIT
SEE GENERAL NOTE "B" AT RIGHT.

18 BOXES OF COUNTERMEASURE FLARES (120 PER BOX) @ 67 LBS	--	1,206 LBS
DUNNAGE	-----	7 LBS
PALLET	-----	65 LBS
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TOTAL WEIGHT	-----	1,278 LBS (APPROX)
CUBE	-----	39.1 CU FT (APPROX)

BILL OF MATERIAL				
PALLET, 35" X 45-1/2"	-----	1 REQD	-----	65 LBS
STEEL STRAPPING, 3/4"	-----	68.33' REQD	-----	6.10 LBS
SEAL FOR 3/4" STRAPPING	-----	5 REQD	-----	NIL

TIE PIECE, 1" X 4" X BOX WIDTH (2 REQD). NAIL TO LONGITUDINAL PIECES W/2-6d NAILS AT EACH END AND TO LATERAL PIECE W/2-6d NAILS.



VERTICAL PIECE, 2" X 4" X BOX HEIGHT MINUS 3/4" (4 REQD).

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

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

FILLER ASSEMBLY
(FOR MINUS ONE BOX)