

APPENDIX 129C

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

**MAGNETO-INDUCTIVE REMOTE ACTIVATION MUNI-
TION SYSTEM (MI-RAMS), PACKED 1 PER PA108
METAL CONTAINER, 1 CONTAINER PER WIRE-
BOUND BOX, UNITIZED 60 BOXES PER 40" X 48"
PALLET; APPROX BOX SIZE 10-1/8" L X 13-1/2" W X
9-1/2" 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>APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND</p> <p>David A. Piskorik <small>Digitally signed by David A. Piskorik. DN: cn=David A. Piskorik, c=US, email=dauid.a.piskorik@us.army.mil Date: 2008.06.12 09:14:25 -05'00'</small></p> <p style="text-align: center;">AMSRD-AAR-AIL-TP(R)</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>			MAY 2008					
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>CASILLAS.GILBERT. J.1230393644 <small>Digitally signed by CASILLAS.GILBERT.J.1230393644 DN: cn=CASILLAS.GILBERT.J.1230393644, o=USA, ou=CASILLAS.GILBERT.J.1230393644 Date: 2008.06.17 13:11:29 -05'00'</small></p> <p style="text-align: center;">AMSJM-LIT</p>	<p>DO NOT SCALE</p>	<p>ENGINEER OR TECHNICIAN</p>	<p>BASIC</p>	<p>ADIN FELICIANO</p>					
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>CARNEY.GARY. BURTON.10387 08038 <small>Digitally signed by CARNEY.GARY. GARY.BURTON.1038708038 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=CARNEY.GARY. BURTON.1038708038 Date: 2008.06.18 06:49:13 -05'00'</small></p> <p style="text-align: center;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>TRANSPORTATION ENGINEERING DIVISON</p>	<p>FIEFFER.LAURA. A.1230375727 <small>Digitally signed by FIEFFER.LAURA.A.1230375727 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, ou=FIEFFER.LAURA.A.1230375727 Date: 2008.06.26 09:03:34 -05'00'</small></p>	<p>VALIDATION ENGINEERING DIVISON</p>	<p>BEAVER. JERRY. W.1230949952 <small>Digitally signed by BEAVER.JERRY. W.1230949952 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, ou=BEAVER.JERRY.W.1230949952 Date: 2008.06.26 09:03:34 -05'00'</small></p>	<p>TESTED</p>	<p>CLASS</p>	<p>DIVISION</p>	<p>DRAWING</p>	<p>FILE</p>
<p>19</p>	<p>48</p>	<p>4116/ 129C</p>	<p>20PA1002</p>						

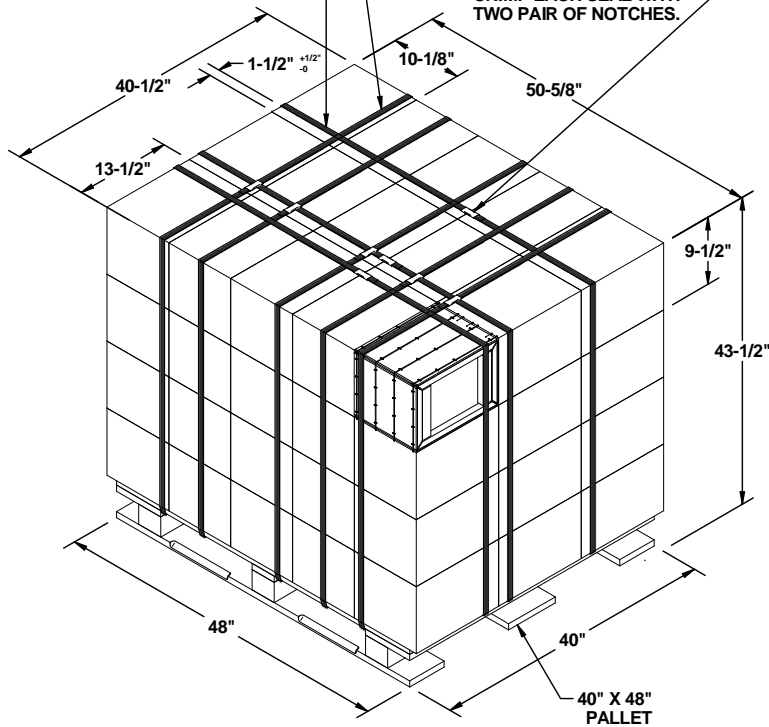
PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1375-01-545-4428	-	I NERT	I NERT	1,951

*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).

TIEDOWN STRAP, 3/4" X .035"
OR .031" X 14'-2" LONG STEEL
STRAPPING (5 REQD). SEE
GENERAL NOTE "D" AT RIGHT.

LOAD STRAP, 3/4" X .035"
OR .031" X 15'-10" LONG STEEL
STRAPPING (3 REQD). SEE
GENERAL NOTE "C" AT RIGHT.

SEAL FOR 3/4" STRAPPING
(8 REQD, 1 PER STRAP).
CRIMP EACH SEAL WITH
TWO PAIR OF NOTCHES.



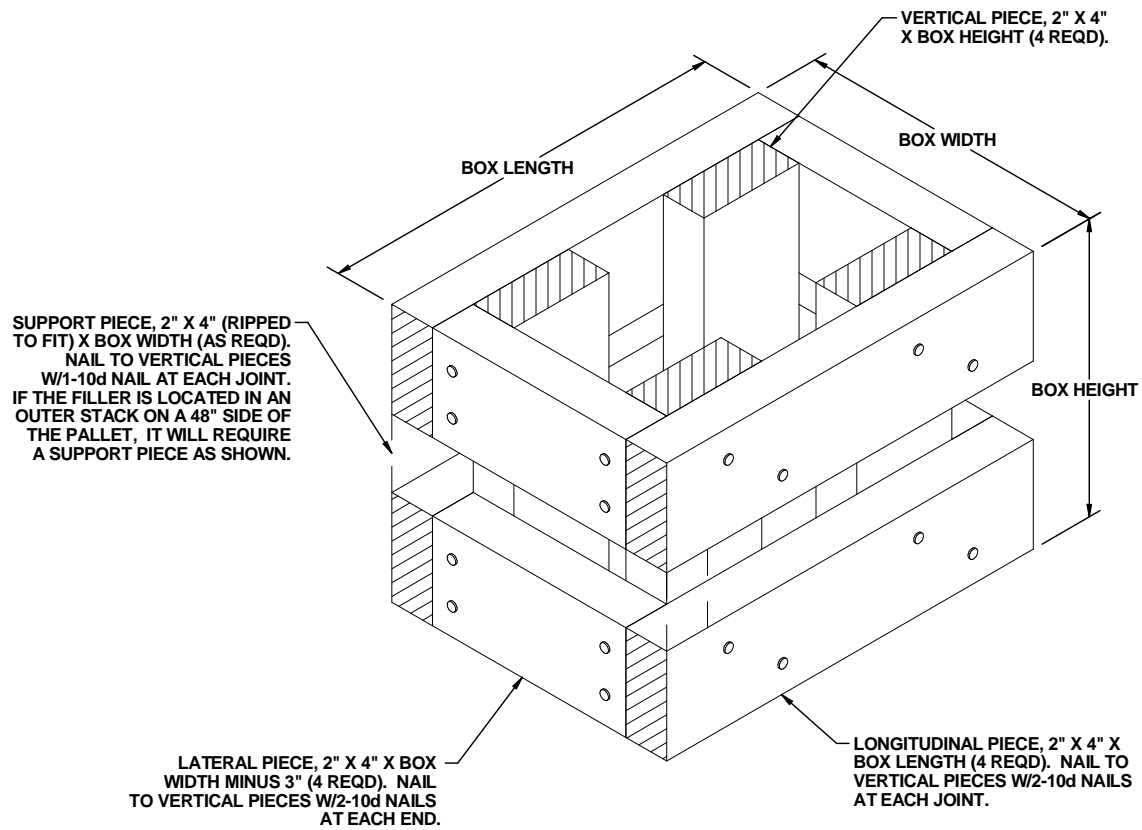
PALLET UNIT
SEE GENERAL NOTE "B" AT RIGHT.

60 BOXES OF MI-RAMS (1 PER BOX) ● 31 LBS	-----	1,860 LBS
DUNNAGE	-----	11 LBS
PALLET	-----	80 LBS
TOTAL WEIGHT	-----	1,951 LBS (APPROX)
CUBE	-----	51.6 CU FT (APPROX)

BILL OF MATERIAL		
PALLET, 40" X 48"	----- 1 REQD -----	80 LBS
STEEL STRAPPING, 3/4"	----- 118.33' REQD -----	10.6 LBS
SEAL FOR 3/4" STRAPPING	----- 8 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 UNITIZED.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. NOTE THAT THE LOAD STRAPS WILL BE LOCATED AS SHOWN. 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 MAGNETO-INDUCTIVE REMOTE ACTIVATION MUNITIONS SYSTEM (MI-RAMS) 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 1 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 WIREBOUND BOX SEE ARDEC DRAWING 11753405.



FILLER ASSEMBLY
(FOR MINUS ONE BOX)