

APPENDIX 26C

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

**CARTRIDGE, 40MM, PACKED 72 PER WIREBOUND
BOX, UNITIZED 27 BOXES PER 40" X 48" PALLET;
APPROX BOX SIZE 16" L X 13-1/2" W X 10-1/8" 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>REHMSTEDT. MARK.J.12305 48400</p> <p><small>Digitally signed by REHMSTEDT.MARK.J.1230548400 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=REHMSTEDT.MARK.J.12305484 00 Date: 2016.01.21 10:51:01 -06'00'</small></p> <p style="text-align: right;">RDAR-EIL-TP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT HTTPS://MHP.REDSTONE.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>		<p style="font-size: 24pt; font-weight: bold;">MAY 1980</p>					
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>RUS.ALLEN.J .1230354282</p> <p><small>Digitally signed by RUS.ALLEN.J.1230354282 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=RUS.ALLEN.J.1230354282 Date: 2016.02.02 08:34:25 -06'00'</small></p> <p style="text-align: right;">AMSJM-MMT</p>	<p>DO NOT SCALE</p>	<p>GEORGE FECKE</p>	<p>REVISION NO. 5</p>		<p>FEBRUARY 2016</p>			
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>SHIMP.UPTON .R.1231257183</p> <p><small>Digitally signed by SHIMP.UPTON.R.1231257183 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=SHIMP.UPTON.R.1231257183 Date: 2016.02.17 16:29:55 -06'00'</small></p> <p style="text-align: right;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>DESIGN ENGINEER</p>	<p>BASIC</p>	<p>REV.</p>		<p>SEE THE REVISION LISTING ON PAGE 2</p>			
<p>TEST ENGINEER</p>	<p>ENGINEERING DIVISON</p>	<p>FIEFFER.LAUR A.A.1230375727</p> <p><small>Digitally signed by FIEFFER.LAURA.A.1230375727 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=FIEFFER.LAURA.A.1230375727 Date: 2015.10.27 14:35:08 -05'00'</small></p>		<p>CLASS</p>	<p>DIVISION</p>	<p>DRAWING</p>	<p>FILE</p>	
<p>TEST REPORT</p>	<p>TEST REPORT</p>	<p>NA</p>		<p>19</p>	<p>48</p>	<p>4116/ 26C</p>	<p>20PA1002</p>	
<p>EXPLOSIVE SAFETY DIRECTORATE</p>	<p>TIRONE.JOSEPH. ANDREW.1026683 749</p> <p><small>Digitally signed by TIRONE.JOSEPH.ANDREW.1026683749 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=TIRONE.JOSEPH.ANDREW.1026683749 Date: 2015.12.03 17:55:53 -06'00'</small></p>		<p>19</p>		<p>48</p>		<p>4116/ 26C</p>	

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1310-				
00-963-4061	B534	1. 4	S	1, 519
00-992-0451	B546	(04) 1. 1	E	1, 519
00-724-8081	B568	1. 2. 2	E	1, 519
00-724-8162	B574	1. 2. 2	E	1, 519
00-724-8082	B577	1. 2. 2	G	1, 519
00-965-0738	B577	1. 2. 2	G	1, 519
00-690-5761	B578	1. 2. 2	C	1, 519

*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).

REVISIONS

REVISION NO. 1, DATED APRIL 1981, CONSISTS OF:

ADDING NEW NATIONAL STOCK NUMBERS.

REVISION NO. 2, DATED OCTOBER 1985, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO PALLET UNIT DATA CHART.
2. CHANGING BOX DIMENSIONS.

REVISION NO. 3, DATED SEPTEMBER 1988, CONSISTS OF:

1. ADDING ALTERNATIVE LOAD STRAPS TO "PALLET UNIT" DRAWING.

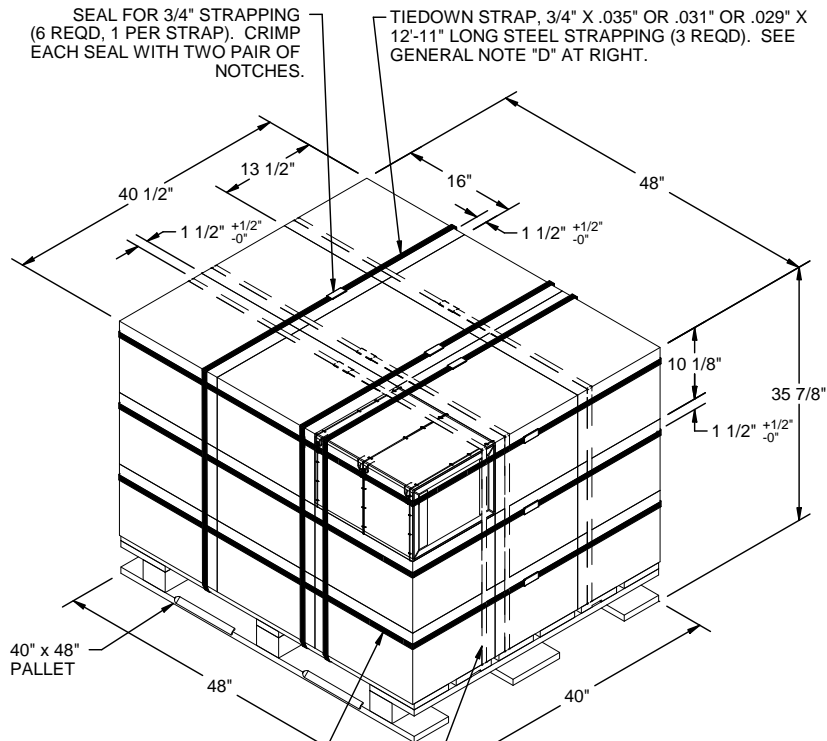
REVISION NO. 4, DATED MAY 2002, CONSISTS OF:

1. DELETING ITEMS BY NATIONAL STOCK NUMBER FROM THE PALLET UNIT DATA CHART.
2. CHANGING DODIC AND HAZARD CLASS FOR SPECIFIED NATIONAL STOCK NUMBERS IN THE PALLET UNIT DATA CHART.

REVISION NO. 5, DATED FEBRUARY 2016, CONSISTS OF CHANGES PER ECP R13K2018 INCLUDING:

1. UPDATING PALLET SPECIFICATION AND STRAPPING THICKNESS.
2. UPDATING DRAWING TO CURRENT FORMAT.
3. DELETING ITEM BY NATIONAL STOCK NUMBER FROM THE PALLET UNIT DATA CHART.

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. INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE A LAYER OF BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE TOP OF EACH LAYER. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF TIEDOWN STRAPS.

D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL 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 REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.

G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 40MM CARTRIDGES 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-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.

J. LOAD STRAPS MAY BE USED IN LIEU OF HORIZONTAL STRAPS. LOAD STRAPS WILL BE LOCATED AS SHOWN IN THE DETAIL AT LEFT. LOAD STRAPS WILL BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET.

K. FOR DETAILS OF THE WIREBOUND BOX SEE ARDEC DRAWING 8835104.

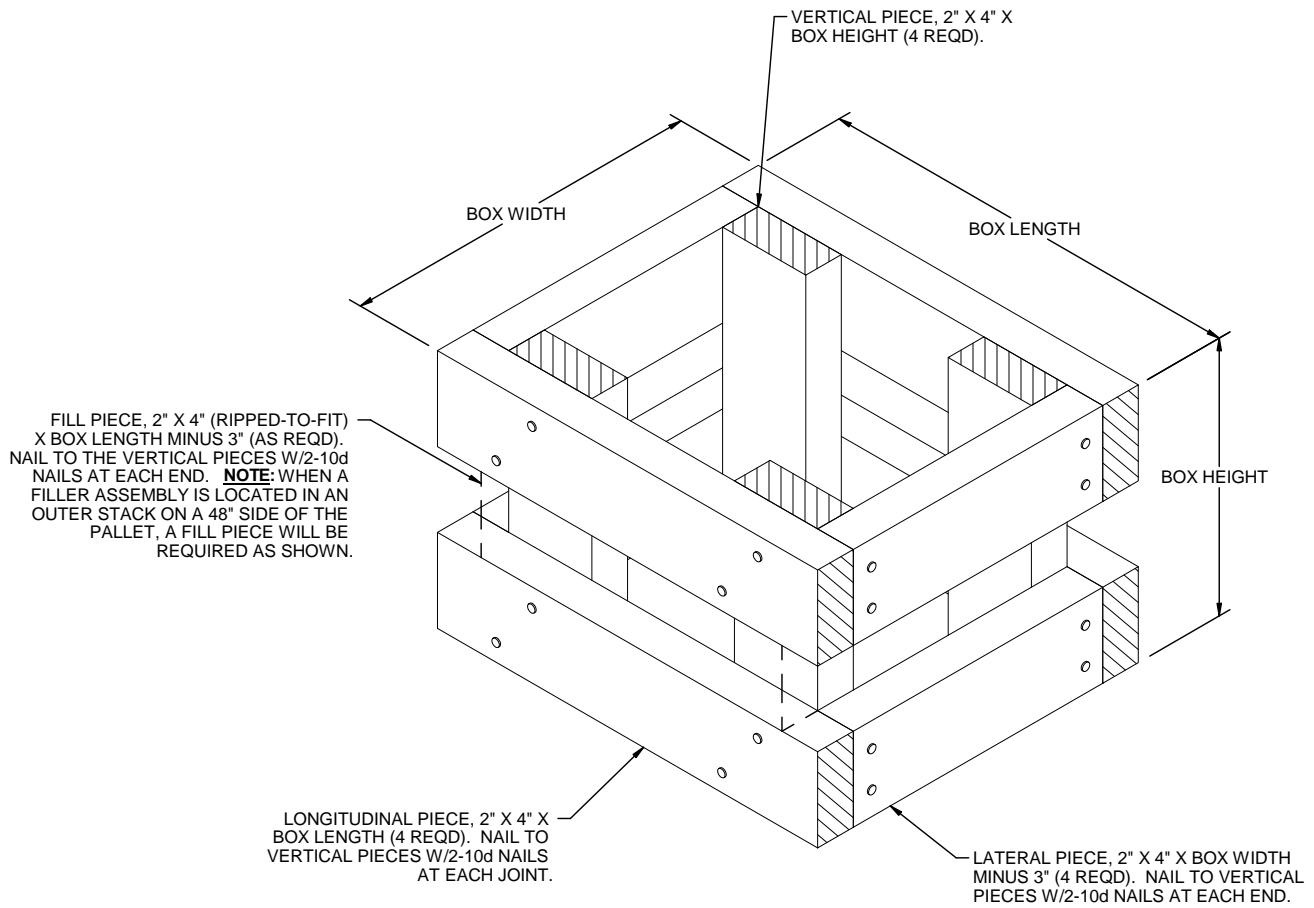
PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

27 BOXES OF 40MM CARTRIDGE (72 PER BOX) @ 53 LBS	- - - -	1,431 LBS
DUNNAGE	- - - -	8 LBS
PALLET	- - - -	80 LBS
TOTAL WEIGHT		1,519 LBS (APPROX)
CUBE		40.4 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	- - - -	1 REQD	- - - -	80 LBS
STEEL STRAPPING, 3/4"	- - - -	86.00' REQD	- - - -	7.68 LBS
SEAL FOR 3/4" STRAPPING	- - - -	6 REQD	- - - -	NIL



FILLER ASSEMBLY

(FOR MINUS ONE BOX)