

APPENDIX 7B

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

**CARTRIDGE, 7.62MM, PACKED VARIOUS QUANTI-
TIES PER M2 SERIES METAL CONTAINER, 2 CON-
TAINERS PER WIREBOUND BOX, UNITIZED 48
BOXES PER 40" X 48" PALLET; APPROX BOX SIZE
14-1/2" L X 12-3/4" W X 8-3/8" H**

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

DISTRIBUTION STATEMENT A:

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U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND HANSEN.JO.1376 SEPH.W.495538 <small>Digitally signed by HANSEN.JOSEPH.W.1 376495538 Date: 2019.03.06 10:59:38 -06'00'</small> RDAR-EIL-TP		CAUTION: VERIFY PRIOR TO USE AT https://www.dau.mil/cop/ammo/Pages/Default.aspx. THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.																									
APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND RUS.ALLEN.J.1230354282 .1230354282 <small>Digitally signed by RUS.ALLEN.J.1230354282 Date: 2019.03.07 09:52:18 -06'00'</small> AMSJM-MMT		DO NOT SCALE																									
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND THOMAS.CARL.AN.110462137 THONY.110462137 2 <small>Digitally signed by THOMAS.CARL.ANTHONY.1104 621372 Date: 2019.04.08 07:06:57 -05'00'</small> U.S. ARMY DEFENSE AMMUNITION CENTER		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">DESIGN ENGINEER</td> <td style="width: 10%; padding: 2px;">BASIC</td> <td colspan="2" style="padding: 2px; text-align: center;">GEORGE FECKE</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">REV.</td> <td colspan="2" style="padding: 2px; text-align: center;">QUYEN TRAN</td> </tr> <tr> <td style="padding: 2px;">ENGINEERING DIVISON</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">FIEFFER.LAUR A.A.1230375727</td> <td style="padding: 2px;"><small>Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2019.02.07 14:59:01 -06'00'</small></td> </tr> <tr> <td style="padding: 2px;">TEST ENGINEER</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">FELICIANO.AD IN.1259200373</td> <td style="padding: 2px;"><small>Digitally signed by FELICIANO.ADIN.1259200373 Date: 2019.02.08 10:30:13 -06'00'</small></td> </tr> <tr> <td style="padding: 2px;">TEST REPORT</td> <td style="padding: 2px; text-align: center;">NA</td> <td style="padding: 2px;">FAIRHURST.ROBE RT.JOHN.10157668 80</td> <td style="padding: 2px;"><small>Digitally signed by FAIRHURST.ROBERT.JOHN.101 5766880 Date: 2019.02.19 14:38:42 -06'00'</small></td> </tr> <tr> <td style="padding: 2px;">EXPLOSIVE SAFETY DIRECTORATE</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> </tr> </table>		DESIGN ENGINEER	BASIC	GEORGE FECKE			REV.	QUYEN TRAN		ENGINEERING DIVISON		FIEFFER.LAUR A.A.1230375727	<small>Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2019.02.07 14:59:01 -06'00'</small>	TEST ENGINEER		FELICIANO.AD IN.1259200373	<small>Digitally signed by FELICIANO.ADIN.1259200373 Date: 2019.02.08 10:30:13 -06'00'</small>	TEST REPORT	NA	FAIRHURST.ROBE RT.JOHN.10157668 80	<small>Digitally signed by FAIRHURST.ROBERT.JOHN.101 5766880 Date: 2019.02.19 14:38:42 -06'00'</small>	EXPLOSIVE SAFETY DIRECTORATE			
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		JUNE 1983																									
		REVISION NO. 2	FEBRUARY 2019																								
		SEE THE REVISION LISTING ON PAGE 2																									
		CLASS	DIVISION																								
		DRAWING	FILE																								
		19	48																								
		4116/7B	20PA1002																								

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1305-				
00-152-3710	A103	1.4	S	2,779
00-182-3126	A103	1.4	S	2,760
00-990-5594	A112	1.4	S	2,909
00-542-1272	A135	-----I NERT-----		2,760
01-568-5689	AB47	-----I NERT-----		2,760
01-675-2866	AB47	-----I NERT-----		2,760
01-596-1319	AB72	1.4	S	2,909

*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 FEBRUARY 2014, CONSISTS OF CHANGES PER ECP R11S2063 INCLUDING:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART
2. UPDATING DRAWING FORMAT

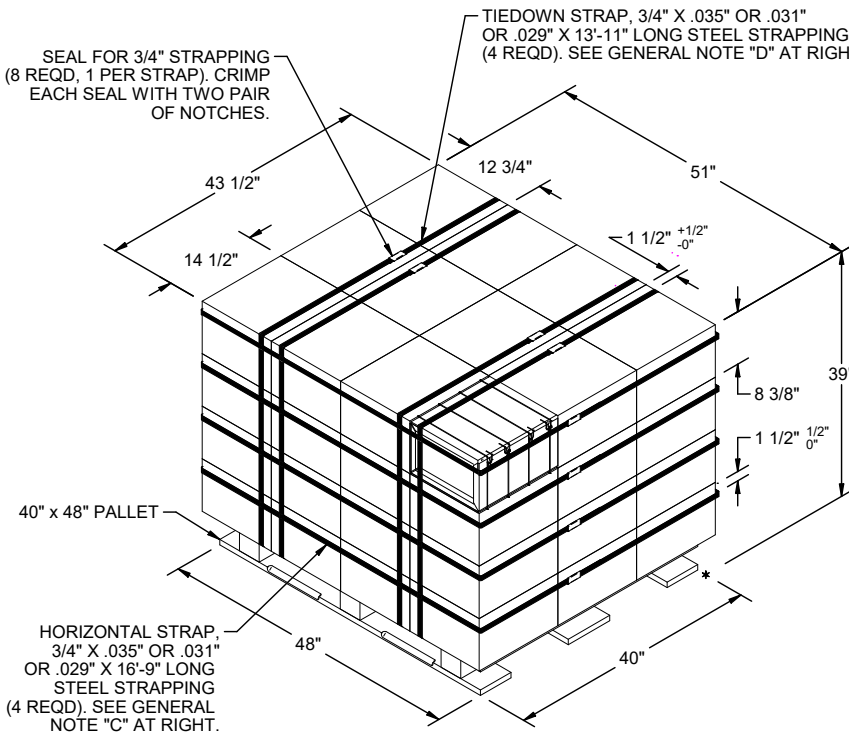
REVISION NO. 2, DATED FEBRUARY 2019, CONSISTS OF CHANGES PER ECP R18S2011 INCLUDING:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART
2. UPDATING DRAWING FORMAT

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 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 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 7.62MM 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. FOR DETAILS OF THE WIREBOUND BOX SEE ARDEC DRAWING 9362607.



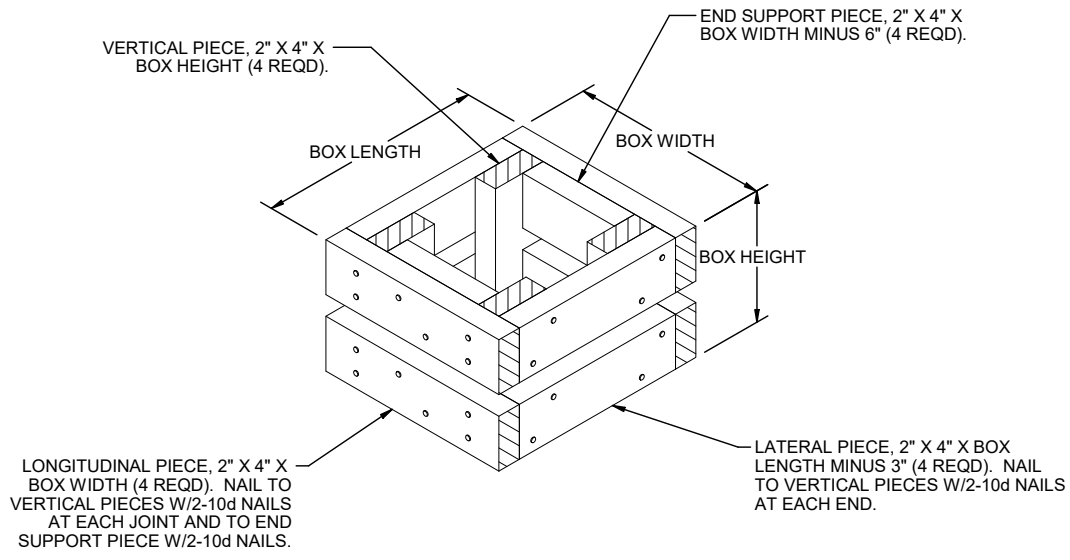
PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

48 BOXES OF 7.62MM CARTRIDGE (920 PER BOX) @ 58.7 LBS	- - - -	2,818 LBS (APPROX)
DUNNAGE	- - - -	11 LBS
PALLET	- - - -	80 LBS
<hr/>		
TOTAL WEIGHT	- - - -	2,909 LBS (APPROX)
CUBE	- - - -	50.1 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	- - - -	1 REOD	- - - -	80 LBS
STEEL STRAPPING, 3/4"	- - - -	122.67' REOD	- - - -	11 LBS
SEAL FOR 3/4" STRAPPING	- - - -	8 REOD	- - - -	NIL



FILLER ASSEMBLY
(FOR MINUS ONE BOX)