

APPENDIX 130A

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

DUMMY FUSE, BLASTING, TIME: INERT PACKED 500 FEET PER FIBERBOARD BOX, 8 FIBERBOARD BOXES PER WOODEN BOX, UNITIZED 6 BOXES PER 35" X 45-1/2" PALLET; APPROX BOX SIZE 30-1/2" L X 15-5/16" W X 17-7/32" 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, COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER</p> <p>HANSEN.JOS EPH.W.137649 5538</p> <p><small>Digitally signed by HANSEN.JOSEPH.W.13 76495538 Date: 2019.09.18 11:20:02 -05'00'</small></p> <p style="text-align: right;"><small>FCDD-ACE-LTP</small></p>	<p>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.</p>		<p style="font-size: 24pt;">JULY 1984</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 Date: 2019.09.26 08:31:20 -05'00'</small></p> <p style="text-align: right;"><small>AMSJM-MLT</small></p>	<p>DO NOT SCALE</p>	<p>REVISION NO. 1</p>		<p>SEPTEMBER 2019</p>				
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>SMITH.THERESA. ANN.1009147639</p> <p><small>Digitally signed by SMITH.THERESA.ANN.1009147 639 Date: 2019.09.30 07:19:09 -05'00'</small></p> <p style="text-align: right;"><small>U.S. ARMY DEFENSE AMMUNITION CENTER</small></p>	<p>DESIGN ENGINEER</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">BASIC</td> <td style="width: 80%;">ROBERT A. REGAZZI</td> </tr> <tr> <td>REV.</td> <td>QUYEN TRAN</td> </tr> </table>	BASIC	ROBERT A. REGAZZI	REV.	QUYEN TRAN	<p>SEE THE REVISION LISTING ON PAGE 2</p>		<p>CLASS</p>
BASIC	ROBERT A. REGAZZI							
REV.	QUYEN TRAN							
<p>TEST REPORT</p> <p>EXPLOSIVE SAFETY DIRECTORATE</p>	<p>TEST ENGINEER</p> <p>TEST REPORT</p> <p>EXPLOSIVE SAFETY DIRECTORATE</p>	<p>ENGINEERING DIVISON</p> <p>FIEFFER.LAUR A.A.1230375727</p> <p><small>Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2019.09.09 10:23:50 -05'00'</small></p> <p>FELICIANO.AD IN.1259200373</p> <p><small>Digitally signed by FELICIANO.ADIN.1259200373 Date: 2019.09.10 08:56:33 -05'00'</small></p> <p>THOMAS.CARL.ANT HONY.1104621372</p> <p><small>Digitally signed by THOMAS.CARL.ANTHONY.110462 1372 Date: 2019.09.11 07:49:00 -05'00'</small></p>	<p>REVISION NO. 1</p>	<p>DIVISION</p>	<p>DRAWING</p>	<p>FILE</p>		
		<p>19</p>	<p>48</p>	<p>4116/ 130A</p>	<p>20PA1002</p>			

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATI- BILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1375 01-671-1981	M671	- - - - I N E R T - - - -		654

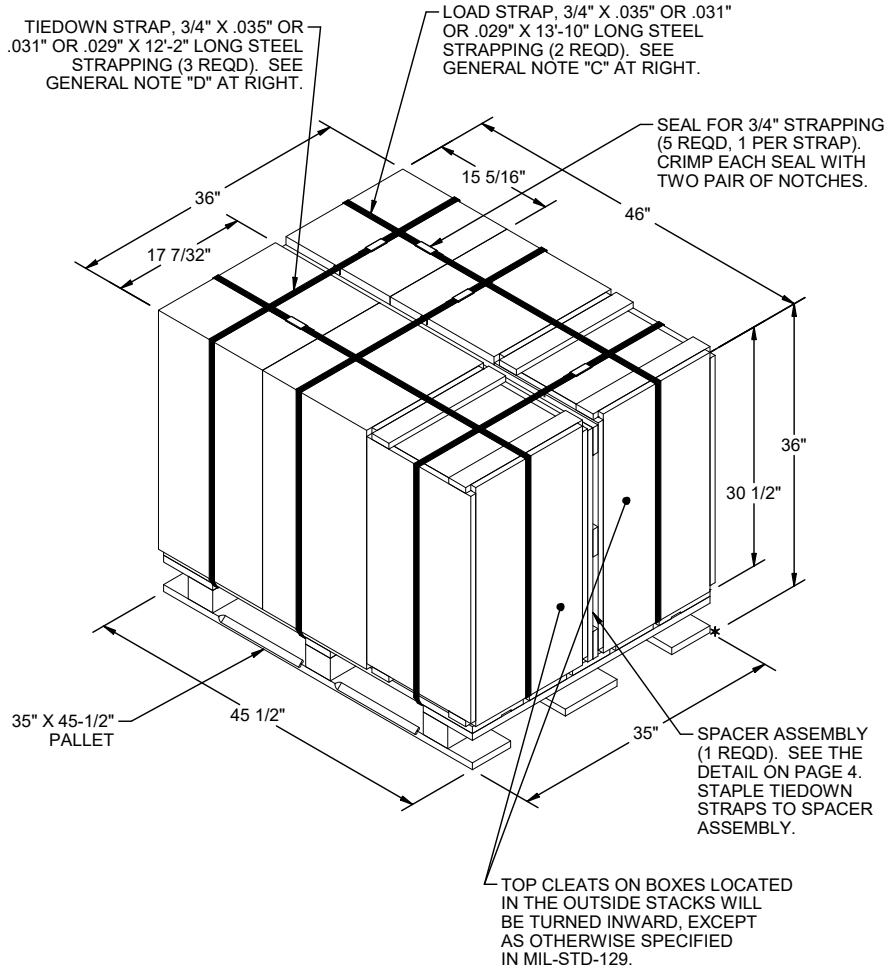
*HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISION

REVISION NO. 1, DATED SEPTEMBER 2019, CONSISTS OF CHANGES PER ECP R18B2002 - NOR 5 INCLUDING:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
2. DELETING ITEM BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.
3. UPDATING WEIGHT OF PALLET AND STRAP THICKNESS TO INCLUDE .029".
4. REMOVING ALL REFERENCES TO STRAP CUTTER AND NOTE "F".
5. ADDING "PALLET SPECIFICATION" NOTE INTO GENERAL NOTE "H".
6. UPDATING DRAWING TO CURRENT STANDARDS.

GENERAL NOTES



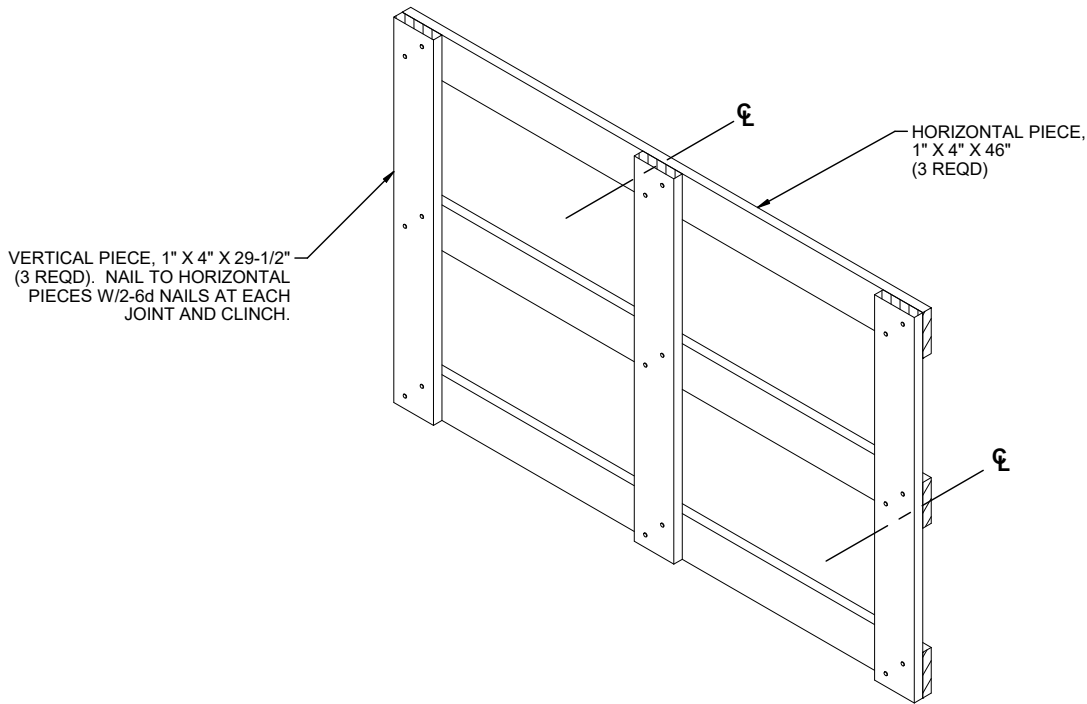
PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

6 BOXES OF TIME BLASTING FUSE (80 PER BOX) @ 95 LBS	- -	570 LBS
DUNNAGE	- - - - -	19 LBS
PALLET	- - - - -	65 LBS
TOTAL WEIGHT	- - - - -	654 LBS (APPROX)
CUBE	- - - - -	34.5 CU FT (APPROX)

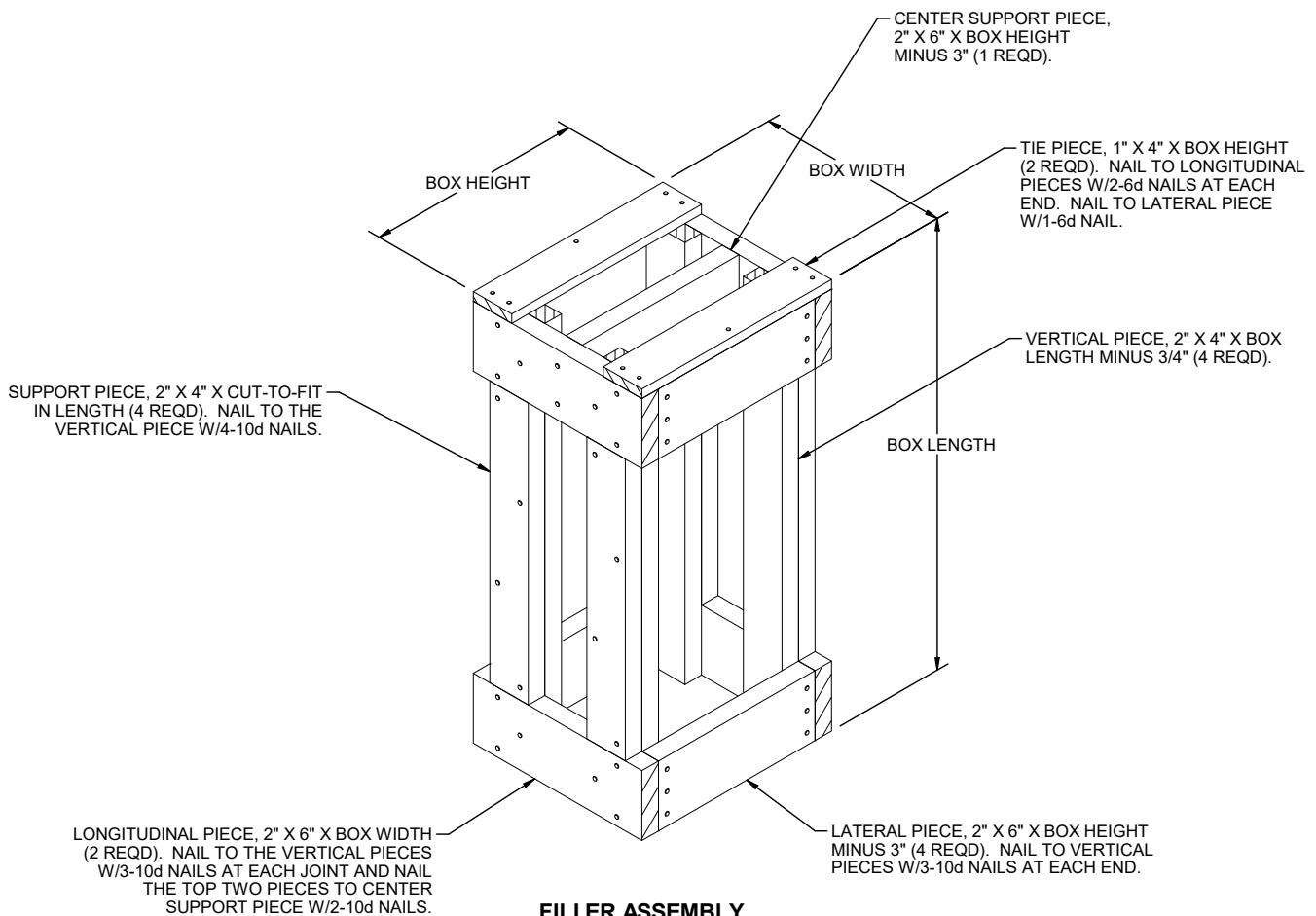
- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN 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. LOAD STRAPS MAY BE THREADED THROUGH THE STRAP SLOTS OF THE PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET. LOAD STRAPS WILL NOT BE TENSIONED AND SEALED UNTIL AFTER THE TIEDOWN STRAPS HAVE BEEN TENSIONED AND SEALED.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL BE TENSIONED AND SEALED BEFORE LOAD STRAPS.
- 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 DUMMY TIME BLASTING FUSE 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-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- J. ALL WOODEN DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES, AND HEAT TREATED IN ACCORDANCE WITH GENERAL NOTE "JJ" IN THE BASIC PROCEDURES.
- K. FOR DETAILS OF THE MIL-DTL-2427 WOODEN BOX SEE ARDEC DRAWING 13073965.

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1/4"	18.88	6.29
NAI LS	NO. REQD	POUNDS
6d (2")	18	0.11
PALLET, 35" X 45-1/2"	1 REQD	65 LBS
STEEL STRAPPING, 3/4"	64.17' REQD	5.73 LBS
SEAL FOR 3/4" STRAPPING	5 REQD	NIL
STAPLE, 15/16" X 3/4"	3 REQD	NIL



SPACER ASSEMBLY

(1 REQD)



FILLER ASSEMBLY

(FOR MINUS ONE BOX)