

APPENDIX 130C

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

**FUSE, BLASTING, TIME, PACKED 8 CANS PER
WOODEN BOX, UNITIZED 6 BOXES PER 35" X 45-1/2"
PALLET; APPROX BOX SIZE 31-5/8" L X 15-13/16"
WIDE X 16-19/32" H**

**NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION
PROCEDURES DRAWING 19-48-4116-20PA1002. THIS DRAWING SUPERSEDES DRAWING 19-48-4138/120-20PA1000, DATED
AUGUST 1979.**

DISTRIBUTION STATEMENT A:

**APPROVED FOR PUBLIC RELEASE
DISTRIBUTION IS UNLIMITED.**

U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER HANSEN.JO. Digitally signed by HANSEN.JOSEPH.W. SEPH.W.1376 1376495538 495538 Date: 2020.08.05 11:04:15 -05'00'	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.		NOVEMBER 1985	
FCDD-ACE-LTP	DO NOT SCALE			
APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND WARD.GINA. Digitally signed by WARD.GINA.M.1369379808 M.1369379808 Date: 2020.08.10 09:59:48 -05'00'	DESIGN ENGINEER BASIC REV.	LAURA A. FIEFFER SPENCER HOVEY		REVISION NO. 1 MARCH 2020
AMSJM-MMT	ENGINEERING DIVISON	FIEFFER.LAUR A.A.1230375727 Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2019.10.03 15:41:27 -05'00'		SEE THE REVISION LISTING ON PAGE 2
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND SMITH.THERESA. Digitally signed by SMITH.THERESA.ANN.1009147 ANN.1009147639 639 Date: 2020.08.13 07:21:30 -05'00'	TEST ENGINEER TEST REPORT	FELICIANO.AD IN.1259200373 Digitally signed by FELICIANO.ADIN.1259200373 Date: 2019.10.07 09:35:45 -05'00'		CLASS DIVISION DRAWING FILE
U.S. ARMY DEFENSE AMMUNITION CENTER	EXPLOSIVE SAFETY DIRECTORATE	FIEFFER.LAURA .A.1230375727 Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2019.12.10 10:12:48 -06'00'		19 48 4116/ 130C 20PA1002

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1375-00-028-5151	M670	1. 4	S	423

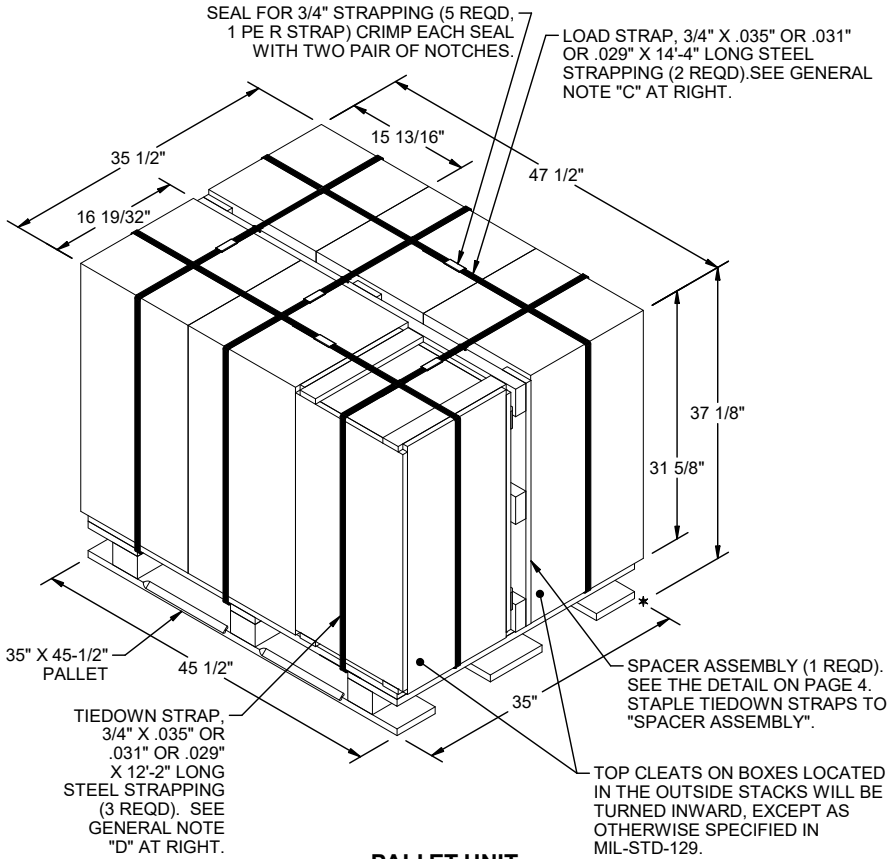
*HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISION

REVISION NO. 1, DATED MARCH 2020, CONSISTS OF CHANGES PER ECP R18B2002 INCLUDING:

1. DELETING ITEM BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.
2. REMOVING ALL REFERENCES TO STRAP CUTTER AND GENERAL NOTE "F".
3. ADDING .029" THICKNESS FOR LOAD AND TIEDOWN STRAPS.
4. UPDATING GENERAL NOTE "J" (CHAMFERS).
5. UPDATING DRAWING TO CURRENT STANDARDS.

GENERAL NOTES



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

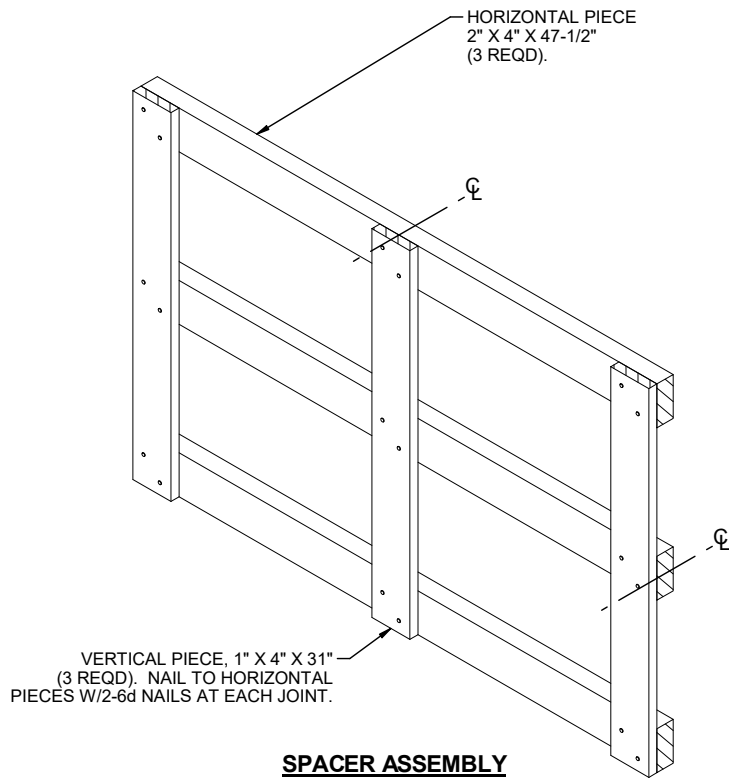
- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN 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 MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET. LOAD STRAPS WILL NOT BE APPLIED UNTIL 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 MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF 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 THE 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 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 IA PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR SRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX. IF THE PALLET TO BE USED DOES NOT HAVE STRAP SLOTS, HOWEVER, THE LOAD STRAPS MUST BE PREPOSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET.

6 BOXES OF TIME BLASTING FUSES (8 CANS PER BOX) @ 55 LBS	-	330 LBS
DUNNAGE	-	28 LBS
PALLET	-	65 LBS
TOTAL WEIGHT	-	423 LBS (APPROX)
CUBE	-	36.3 CU FT (APPROX)

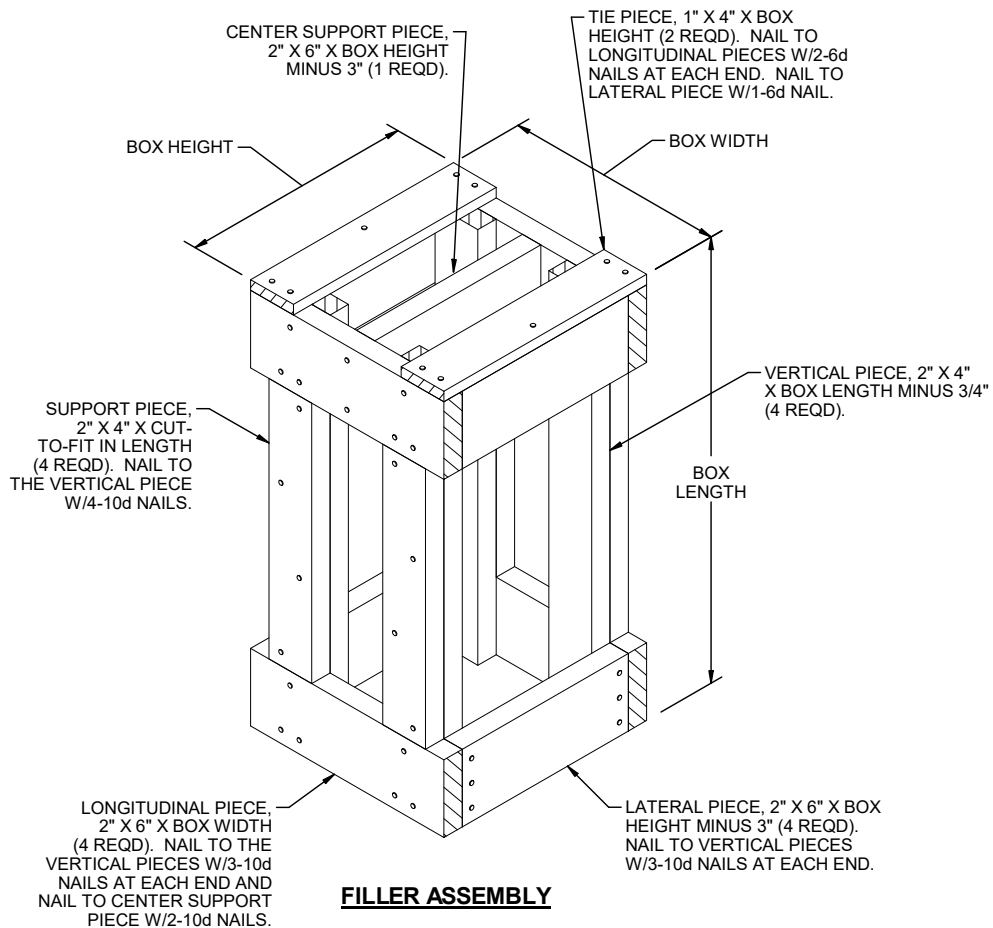
- J. ALL WOODEN DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES, AND HEAT TREATED IN ACCORDANCE WITH GENERAL NOTE "JJ" IN THE BASIC PROCEDURES.
- K. FOR DETAILS OF THE WIREBOUND BOX SEE ARDEC DRAWING 9242365.

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	7.75	2.58
2" X 4"	11.88	7.92
NAI LS	NO. REQD	POUNDS
6d (2")	18	0.11
PALLET, 35" X 45-1/2"	1 REQD	65 LBS
STEEL STRAPPING, 3/4"	67.7' REQD	6.04 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)