

APPENDIX 129E

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

**RECEIVER, RADIO FIRING DEVICE, NON-ELECTRIC
CAP ACTUATING, M17A1, PACKED 6 PER PA108
METAL CONTAINER, 1 CONTAINER PER WIRE-
BOUND BOX, UNITIZED 60 BOXES PER 35" X 45-1/2"
PALLET; APPROX BOX SIZE 9-3/8" 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

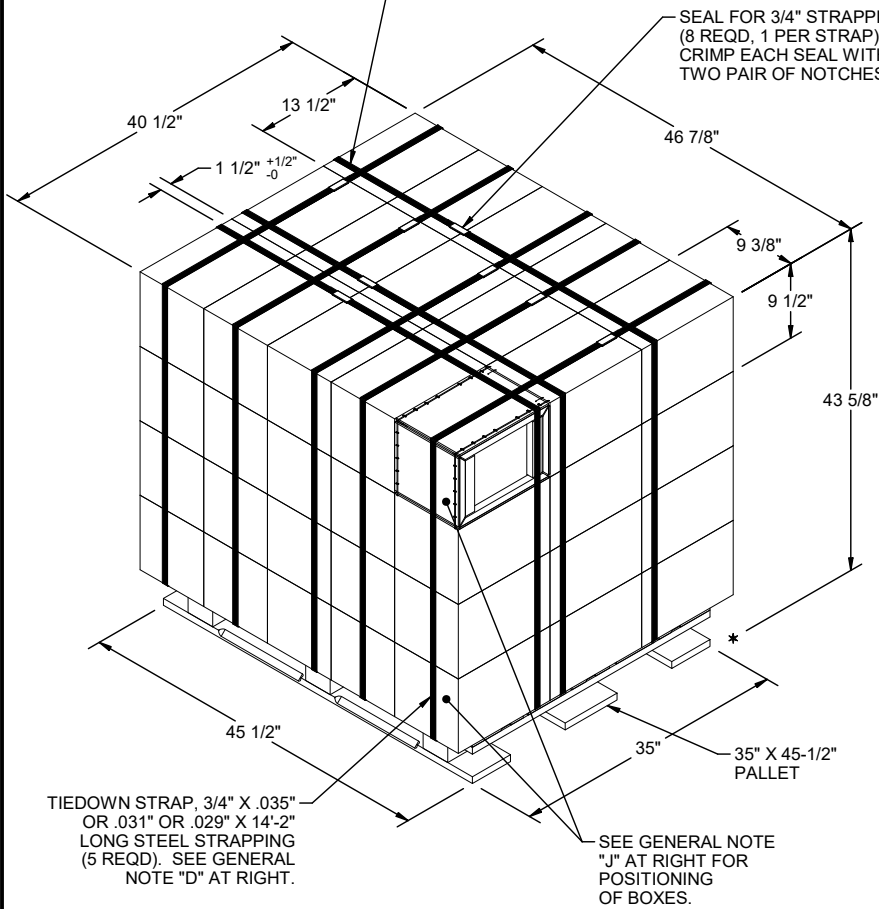
<p>APPROVED, COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER</p> <p>HANSEN.JOSEP Digitally signed by HANSEN.JOSEPH.W.13764955 38 Date: 2023.10.03 11:29:25 -05'00'</p> <p style="text-align: right;">FCDD-ACE-LTP</p>	DO NOT SCALE			SEPTEMBER 2023						
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>WARD.GINA. Digitally signed by WARD.GINA.M.1369379808 Date: 2023.11.07 08:21:47 -06'00'</p> <p style="text-align: right;">AMJM-MLT</p>	DESIGN ENGINEER	BASIC REV.	QUYEN TRAN							
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>BRILSFORD.KEIT Digitally signed by BRILSFORD.KEITH.ANTHONY. 1028655661 Date: 2023.11.16 13:57:46 -06'00'</p> <p style="text-align: right;">DEFENSE AMMUNITION CENTER</p>	ENGINEERING DIVISON	FIEFFER.LAUR A.A.1230375727		<small>Digitally signed by FIEFFER.LAURA.A.1230375727 Date: 2023.09.21 09:33:08 -05'00'</small>						
<p>H.ANTHONY.10286 Digitally signed by H.ANTHONY.1028655661 Date: 2023.11.16 13:57:46 -06'00'</p>	TEST REPORT	NA	FELICIANO.AD IN.1259200373		<small>Digitally signed by FELICIANO.ADIN.1259200373 Date: 2023.09.28 14:04:07 -05'00'</small>		CLASS	DIVISION	DRAWING	FILE
	EXPLOSIVES SAFETY DIRECTORATE	CUMMINS.PAU L.A.1231883122		<small>Digitally signed by CUMMINS.PAUL.A.1231883122 Date: 2023.09.26 14:22:34 -05'00'</small>		19	48	4116/ 129E	20PA1002	

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATI-BILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1375 01-600-4645	MP47	1.4	S	1,498

*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).

GENERAL NOTES

LOAD STRAP, 3/4" X .035" OR .031" OR .029" X 15'-3" LONG STEEL STRAPPING (3 REQD). SEE GENERAL NOTE "C" AT RIGHT.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

60 BOXES OF SET OF M17A1 RECEIVERS (6 PER BOX) @ 23.7 LBS	-----	1,422 LBS
DUNNAGE	-----	11 LBS
PALLET	-----	65 LBS

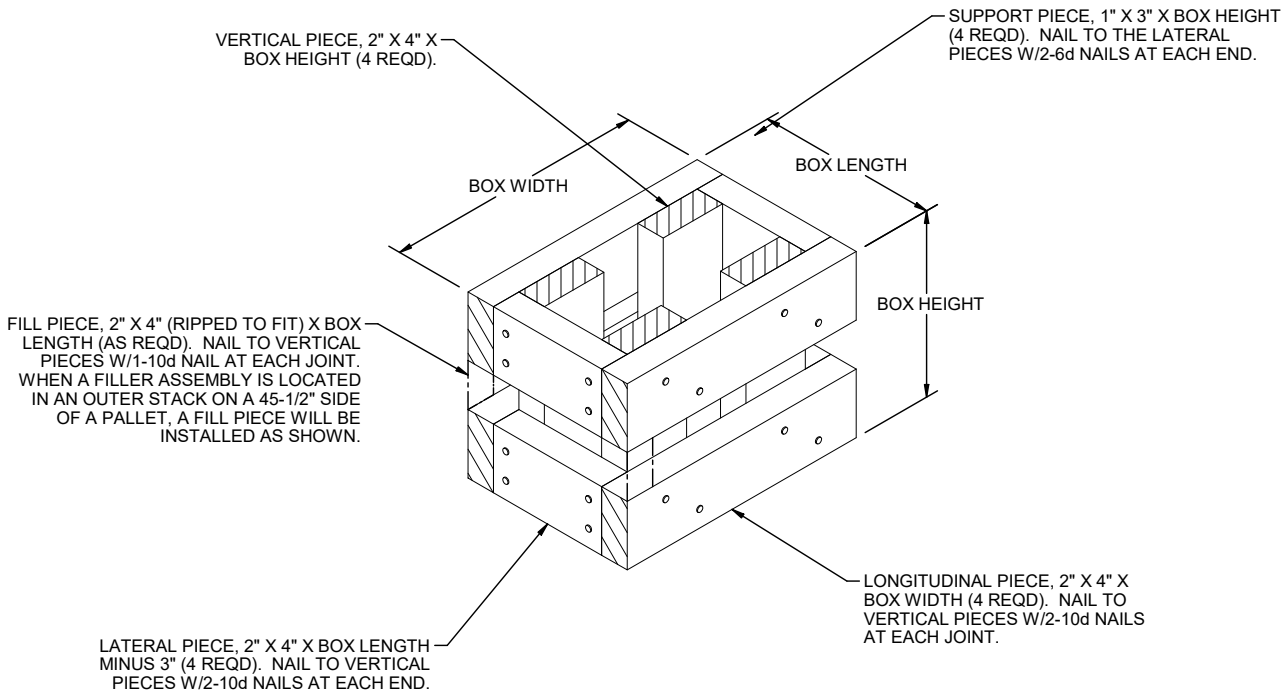
TOTAL WEIGHT	-----	1,498 LBS (APPROX)
CUBE	-----	47.8 CU FT (APPROX)

- 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. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK/STRINGER 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 RADIO FIRING DEVICE RECEIVERS 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. POSITION THE FIVE OUTBOARD BOXES ON BOTH OF 45-1/2" SIDES OF THE BOTTOM LAYER OF THE UNIT WITH THE TOPS DOWNWARD, AND THE FIVE OUTWARD BOXES ON BOTH OF THE 45-1/2" SIDES OF THE TOP LAYER OF THE UNIT WITH TOPS UPWARDS.
- K. FOR DETAILS OF THE WIREBOUND BOX SEE DEVCOM DRAWING 11753900.

BILL OF MATERIAL

PALLET, 35" X 45-1/2"	-----	1 REQD	-----	65 LBS
STEEL STRAPPING, 3/4"	-----	116.58' REQD	-----	10.41 LBS
SEAL FOR 3/4" STRAPPING	-----	8 REQD	-----	NIL



FILLER ASSEMBLY

(FOR MINUS ONE BOX)