

APPENDIX 92A

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

SPIDER SYSTEM NETWORK COMMAND MUNITION COMPONENTS: DATA STATION, REMOTE CONTROL STATION KIT; ACCESSORY KIT, ELECTRONIC EQUIPMENT; OR REPEATER, RADIO; PACKED 1 PER PLASTIC CONTAINER ASSEMBLY, UNITIZED 8 CONTAINERS PER 40" X 48" PALLET; APPROX CONTAINER SIZE 25-1/4" L X 19-1/4" W X 18-1/2" 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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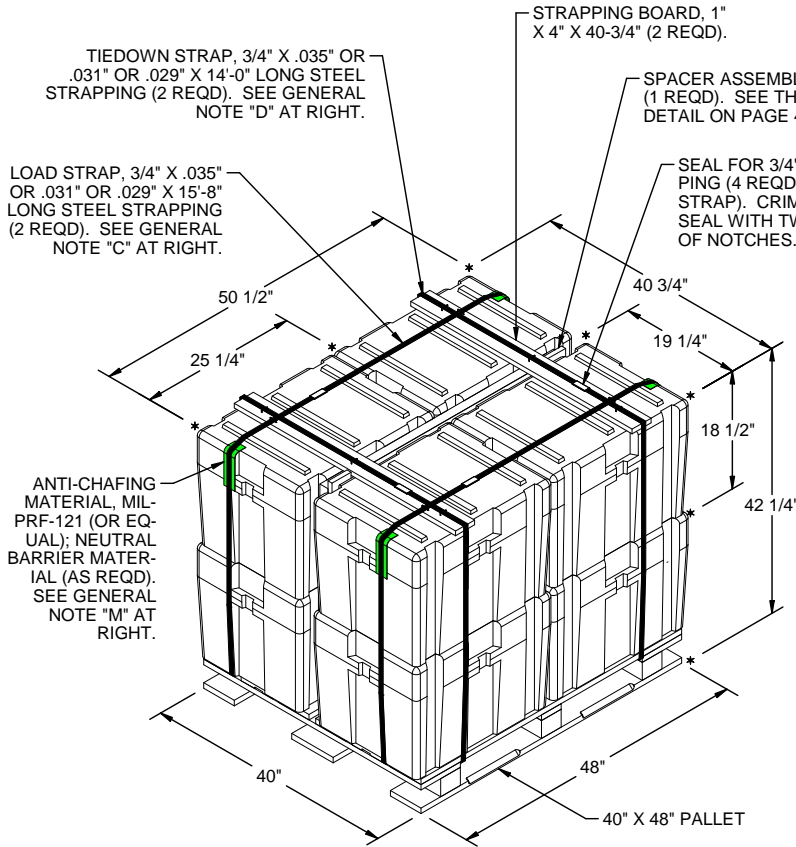
U.S. ARMY MATERIEL COMMAND DRAWING

<p>APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND</p> <p>REHMSTEDT.MA RT.J.1230548400</p> <p><small>Digitally signed by REHMSTEDT.MARK.J.1230548400 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2012.05.22 16:14:45 -0500</small></p> <p style="text-align: right;">RDAR-EIL-TP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>		AUGUST 2011								
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>CASILLAS.GILBE RT.J.1230393644</p> <p><small>Digitally signed by CASILLAS.GILBERT.J.1230393644 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2012.10.18 10:03:55 -0500</small></p> <p style="text-align: right;">AMSJM-LIT</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; font-weight: bold;">DO NOT SCALE</td> </tr> <tr> <td style="width: 50%; text-align: center;">ENGINEER OR TECHNICIAN</td> <td style="width: 50%; text-align: center;">CANH TRAN</td> </tr> <tr> <td style="text-align: center;">BASIC</td> <td style="text-align: center;">REV.</td> </tr> </table>	DO NOT SCALE		ENGINEER OR TECHNICIAN	CANH TRAN	BASIC	REV.				
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ENGINEER OR TECHNICIAN	CANH TRAN										
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<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: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2012.10.18 10:03:55 -0500</small></p> <p style="text-align: center;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>TRANSPORTATION ENGINEERING DIVISON</p> <p>VALIDATION ENGINEERING DIVISON</p> <p>ENGINEERING DIRECTORATE</p>	<p>FIEFFER.LAUR A.A.1230375727</p> <p>BARICKMAN. PHILIP.W.123 0202202</p> <p>BEAVER.JERRY .W.1230949952</p>	<p><small>Digitally signed by FIEFFER.LAURA.A.1230375727 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2011.09.20 09:22:36 -0500</small></p> <p><small>Digitally signed by BARICKMAN.PHILIP.W.1230202202 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2011.02.27 15:14:45 -0500</small></p> <p><small>TESTED</small></p> <p><small>Digitally signed by BEAVER.JERRY.W.1230949952 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=US Date: 2011.10.12 14:56:36 -0500</small></p>	CLASS	DIVISION	DRAWING	FILE				
		19	48	4116/ 92A	20PA1002						

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
5820-01-560-7409	----	----- I NERT -----		573
5999-01-568-2058	----	----- I NERT -----		469
7025-01-560-7203	----	----- I NERT -----		565

*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



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

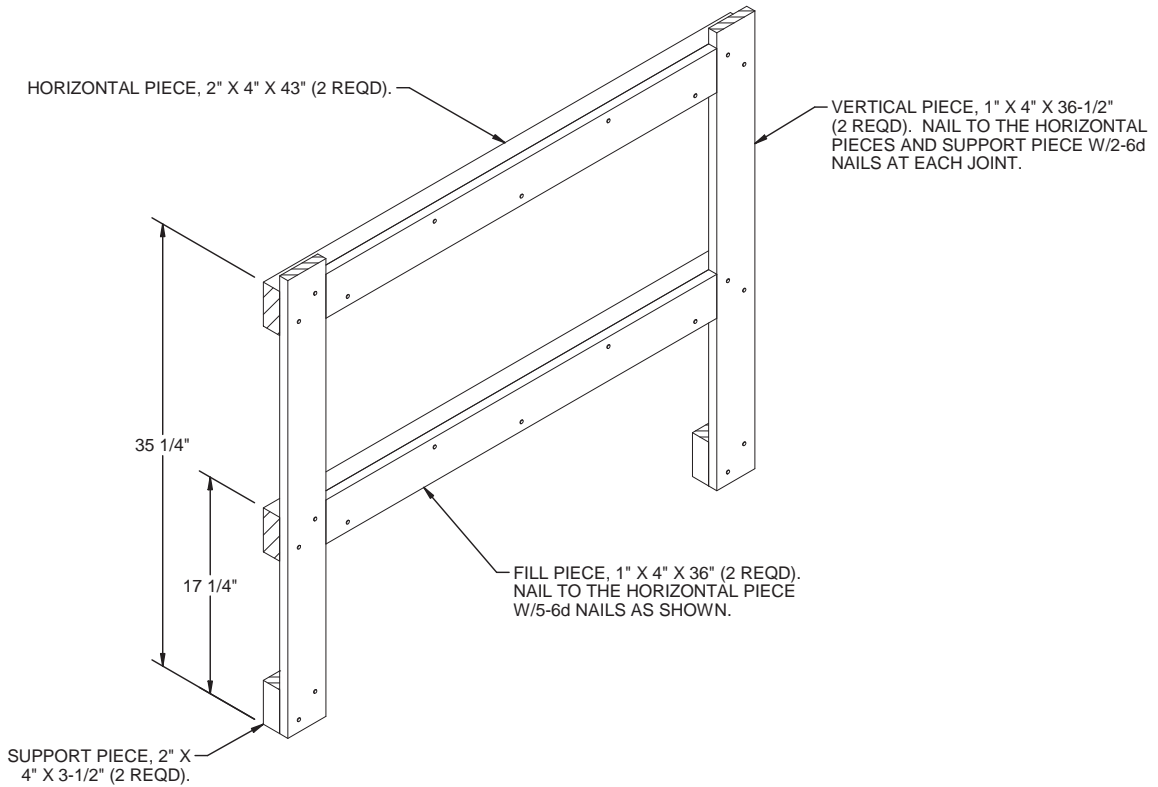
8 CONTAINERS OF REPEATER (1 PER CONTAINER) @ 58 LBS	464 LBS
DUNNAGE	29 LBS
PALLET	80 LBS
TOTAL WEIGHT	573 LBS (APPROX)
CUBE	50.3 CU FT (APPROX)

BILL OF MATERIAL

LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	18.88	6.29
2" X 4"	7.75	5.17
NAILS	NO. REQD	POUNDS
6d (2")	22	0.13
PALLET, 40" X 48" - 1 REQD - 80 LBS		
STEEL STRAPPING, 3/4" - 59.25' REQD - 5.29 LBS		
SEAL FOR 3/4" STRAPPING - 4 REQD - NIL		
STAPLE, 15/16" X 3/4" - 10 REQD - NIL		

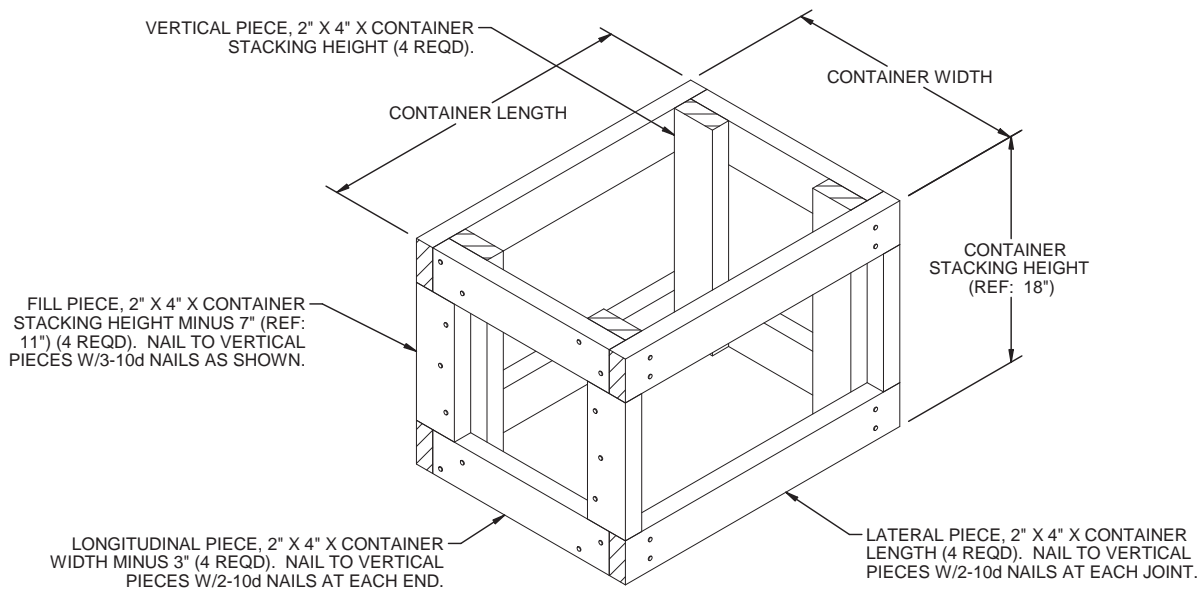
- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN 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 CONTAINERS AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING CONTAINERS ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS. STAPLE TO THE STRAPPING BOARDS WITH TWO STAPLES EACH.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK 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. STAPLE TO THE STRAPPING BOARDS WITH THREE STAPLES EACH.
- 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 CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING DATA STATION, ACCESSORY KIT, OR REPEATER WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE CONTAINER 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-P-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. EMPTY OR REJECT CONTAINERS MAY BE USED AS FILLER CONTAINERS AS NECESSARY. FILLER CONTAINERS MUST BE INSTALLED IN THE TOP LAYER OF CONTAINERS. WHEN (EMPTY) FILLER CONTAINERS ARE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETELY FILL OUT A LAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED IN ARDEC DRAWING 12982865.
- L. DIMENSIONS GIVEN FOR DUNNAGE PIECES WILL BE FIELD CHECKED PRIOR TO THEIR ASSEMBLY TO THE PALLET UNIT. CONTAINERS MUST FIT SNUGLY IN THE DUNNAGE ASSEMBLY. ALSO, DUE TO THE VARIATION OF CONTAINER DIMENSIONS, ADJUSTMENTS MAY BE REQUIRED AS TO THE LOCATION OF CERTAIN PIECES OF DUNNAGE IN A DUNNAGE ASSEMBLY.
- M. ANTI-CHAFING MATERIAL MAY BE INSTALLED AT POINTS OF CONTACT BETWEEN CONTAINERS AND STEEL STRAPPING, IF DESIRED, TO PREVENT CHAFING DAMAGE TO CONTAINER.



SPACER ASSEMBLY

(1 REQD)



FILLER ASSEMBLY

(FOR MINUS ONE CONTAINER)